Lancaster Farming

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Farm Show fever, it's contagious

Features

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"Pennsylvania Agriculture — We're Growing Better" is the theme of this year's 67th Annual Pennsylvania Farm Show which will open its doors to the public tomorrow. Two years ago Gov. Dick Thornburgh and First Lady Ginny Thornburgh joined Secretary of Agriculture Penrose Hallowell in unveiling the state's ag logo. Here the Governor and Sec. Hallowell proudly present Pa. agriculture's and Farm Show's motto.

HARRISBURG — The unmistakable feeling is back.

Across the state, folks are beginning to catch "Farm Show Fever." For the next week all roads will lead to Harrisburg as the Keystone state honors its number one industry — agriculture.

Almost a million Pennsylvanians are employed in ag-related jobs, which meet the market needs of the Northeast. Last year, the state's farmers topped the $3.3 billion mark in gross farm receipts.

This week **Lancaster Farming** offers a look at Farm Show, past, present, and future. Meet the people and livestock that contribute to the ongoing success of Farm Show. This special issue also includes a map and a schedule of events to help you plan your week. For your convenience, a special Farm Show feature index appears on the front page. So, sit back and relax with our page by page preparation of the 67th annual Pa. Farm Show.

Robins, daffodils and dandelions, recently reported in southeastern Pennsylvania, have heralded the existence of an unusually mild winter.

For some reason, it's possible that Mother Nature may blow her big chance for the 67th annual Pennsylvania Farm Show. Farm Show just isn't Farm Show without cold snowy weather and sloppy roads.

But no one's complaining.

The question is how will the mild weather affect this year's "farmer fiesta." In the past, wintery conditions failed to inhibit visitors from attending. Attendance has grown so much over the years that by 1976, when a

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Walker introduces federal Farmland Preservation Act

WASHINGTON, D.C. — The opening day of the 98th Congress found Pennsylvania's Congressman Bob Walker (R-16th) introducing legislation that could be of prime importance to agriculture on the national scope.

Called the Farmland Preservation Act of 1983, Walker's proposal which was introduced Monday, calls for a system of incentives for farmland preservation which would be written into the tax code in the form of an exemption from capital gains taxes for farmland owners who agree not to use or permit their land to be used for any purpose other than farming. The capital gains tax exemption would be available to any owner of farmland who sells the property with a deed restriction limiting the farmland's future use to agriculture.

"Farmland is one of our nation's richest natural resources, yet each year over 3 million acres of land are lost to the encroachment of industry and urbanization. Southcentral Pennsylvania is recognized as the world's garden spot for its rich fertile soil. Our local area is also recognized for its outstanding leadership in providing new solutions to the problem of farmland loss. My legislation is entirely compatible with the ongoing local and state efforts in our area of Pennsylvania in keeping land in agricultural production," Walker commented as he submitted his proposal following the swearing-in ceremonies.

"I believe this proposal is a sensible approach to farmland preservation. It assures that the goal of farmland preservation can be served on the basis of individual landowner initiative, not on the

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Fires raze six Mason-Dixon Line barns

YORK — In the wake of Tuesday's six barn fires that sent more than a dozen rural volunteer fire companies battling blazes in York and Baltimore, Maryland counties, farm owners and rural residents are planning a telephone blitz of their neighbors at the first sign of flames.

According to Trooper James Boyle, investigator at the York State Police barracks for the fire marshall's office, rural residents must look out for one another as suspected arsons continue to flare up along the Mason-Dixon border. He also suggests that barn owners place screening material over barn windows facing the road to prevent incendiary devices from being tossed into buildings.

"Someone's going to get shot; that's the only way it'll be stopped," flatly sighs a weary John Gray III of Freeland, Md.

An original stone-foundation bank barn owned by Gray, located along Keeney Mill Road in northern Baltimore County, was the fifth in the series of a half-dozen suspected arsons in little more than two hours time that kept area skies glowing red early Tuesday morning.

Estimates of Gray's damages

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Livestock market and auction news

Lancaster Market

Monday, Jan. 3
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	774	183	832	127
Last Monday	1160	97	1375	110
Last Year	667	129	1136	116
Monday's Auction	721	166	868	137
Last Monday's Auction	1120	95	1339	110

CATTLE: Campared to last Monday slaughter steers weak to 50 lower, instances 75 lower; slaughter heifers weak to 1.00 lower; cows firm to 1.00 higher; bullocks steady; bulls fully steady. Supply included 54 % percent slaughter steers, 15% slaughter heifers, 19% cows, and 12% bulls.

SLAUGHTER STEERS: Few high Choice and Prime 3-4 1180-1425 lb. 61.50-62.50; Choice 2-4 1050-1450 lb. 59.10-61.00, few head 61.00-61.75; high Good and low Choice 2-3 1050-1400 lb. 57.00-59.50, few head 59.50-60.00; Good 2-3 55.00-57.50; Good and Choice 1200-1450 lb. Holsteins 50.00-52.75; Standard 1-2 46.75-50.00.

SLAUGHTER HEIFERS: Choice 2-3 950-1120 lb. 56.75-58.75, few Choice 2 59.00-60.00; Good 2-3 850-1000 lb. 52.50-55.50.

COWS: Utility and Commercial 1-3 39.50-42.75; Commercial 3-4 35.50-39.50; Cutter 1-2 37.50-40.00, few 40.00-41.50; Canner and low Cutter 35.00-37.00.

BULLOCKS: Choice 1050-1250 lb. 56.25-59.85; Good 1000-1275 lb. 51.25-55.75.

BULLS: Yield grade 1 1300-2160 lb. 53.00-57.00, few 57.00-59.75, individual 1935 lb. 64.60; yield grade 2 1000-1400 lb. 50.00-53.00, few 850-1000 lb. 48.00-50.00.

VEAL CALVES: Vealers mostly steady. Demand fair for Holstein bulls to return to farm.

VEALERS: Prime special fed 300-325 lb. 112.00-118.00; Choice 160-260 lb. 95.00-110.00, few 110.00-115.00; high Good and low Choice 160-250 lb. 75.00-90.00, 115-160 lb. 52.00-75.00, 80-110 lb. 40.00-50.00.

SLAUGHTER CALVES: Good and Choice 275-450 lb. 48.00-60.00.

RETURNED TO FARM: Bulk 90-115 lb. Holstein bulls 70.00-80.00.

SHEEP: Wooled lambs 3.00-4.00 higher; slaughter ewes 2.00-3.00 higher.

WOOLED LAMBS: Choice and Prime 85-110 lb. 58.00-62.00; Choice 70-100 lb. 55.00-60.00; Good 50-80 lb. 50.00-55.00, few 45.00-50.00.

SLAUGHTER EWES: Utility and Good 23.00-32.00.

GOATS: Few goats sold by the head, mainly 50.00-60.00.

Vintage Auction

Tuesday, Jan. 4
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	967	896	14	6
Last Tuesday	1037	802	4	3
Last Year	958	886	17	10

CATTLE: Compared to last Tuesday slaughter steers uneven, bulk weak to 1.00 lower with several Choice and Prime 4 few 5 1.00-1.50 lower; slaughter heifers steady to 1.00 lower; cows 50-1.00 lower, with late sales fully 1.00, instances 2.00 lower; bulls not fully tested. Supply included 43 percent slaughter steers, 4 percent slaughter heifers, 50 percent cows, and 4 percent bulls.

SLAUGHTER STEERS: Few high Choice and Prime 3 1200-1425 lb. 61.75-62.50; high Choice and Prime 4-5 1375-1580 lb. 57.00-60.50; Good and Choice 1-2 1150-1400 lb. 62.00-64.00; seven head Choice 2 and Prime 2-3 to retail outlets 64.25-66.00; Choice 2-4 1075-1450 lb. 59.00-61.75, few 61.75-62.25; Choice 4-5 1275-1550 lb. 57.50-59.25; high Good and low Choice 2-3 1000-1350 lb. 56.00-59.50; Good 2-3 53.00-57.00; Good and Choice 1250-1475 lb. Holsteins 51.00-54.50; Standard 1-2 48.00-51.00.

SLAUGHTER HEIFERS: Choice 2-3 875-1050 lb. 54.50-57.25; Good 2-3 850-1025 lb. 50.00-54.50.

COWS: Utility and Commercial 1-3 38.00-41.00, few early 41.00-42.50; Cutter 1-2 36.50-39.50, few late 35.50-36.50; Canner and low Cutter 33.50-36.50.

BULLS: Few yield grade 1-2 1400-2100 lb. 48.00-51.50, individual 52.50. Couple Choice Bullocks 1050-1275 lb. 55.00-58.00.

VEAL CALVES: Vealers mostly steady. Supply included 634 in graded sale of which 65 percent sold to return to farm.

VEALERS: Few Choice 170-200 lb. 90.00-104.00; high Good and low Choice 160-225 lb. 70.00-90.00, 120-160 lb. 55.00-76.00, 80-110 lb. 48.00-54.00; few Standard 60-85 lb. 38.00-46.00.

RETURNED TO FARM: 17 head 110-120 lb. Holstein heifers 75.00 and 35 head 100-105 lb. 57.50. 225 head 100-125 lb. Holstein bulls 76.50-79.50; 50 head 90-95 lb. 53.50-55.00; and 85 head 100-115 lb. small frame 53.50-56.00.

SHEEP: Insufficient volume for a market test; few Good 75-90 lb. wooled lambs 43.00-50.00; few Utility slaughter ewes 21.00-24.00.

GOATS: Insufficient volume for a market test.

Lancaster Auction

Wednesday, Jan. 5
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	170	23	697	2
Last Wednesday	324	17	820	5
Last Year	179	48	1074	6
Wednesday's Auction	117	25	697	2
Last Wednesday's Auction	242	18	477	5

CATTLE: Insufficient volume for a market test; small supply all classes generally steady.

SLAUGHER STEERS: Choice 2-4 1075-1280 lb. 58.75-60.75.

SLAUGHTER HEIFERS: Couple Choice 2-3 1175-1280 lb. 54.50-55.00; Good 2-3 950-1150 lb. Heiferettes 41.50-45.00, couple 48.00-52.00.

COWS: Couple Utility and Commercial 2-3 36.50-38.50; Cutter 1-2 36.50-36.25; Canner and low Cutter 33.50-35.75.

BULLOCKS: Individual Choice 1285 lb. 55.75.

BULLS: Yield grade 1 1400-1600 lb. 53.75-55.50, individual 1585 lb. 57.00; couple yield grade 2 1245-1445 lb. 49.00-52.75.

VEAL CALVES: Supply mainly high Good and low Choice 80-115 lb. vealers selling at 45.00-53.00, couple to 58.00.

SHEEP: No market test.

New Holland Livestock

Thursday, Jan. 6
Report supplied by USDA

CATTLE: 906. Compared to last Thursday slaughter steers mostly steady, although average Choice to Prime weak to mostly 50 lower; slaughter heifers steady; Utility and Commercial cows 50-1.00 lower, extremes 2.00 lower; Canner and Cutter firm to 50 higher; bullocks steady; bulls fully steady. Supply included 35 percent slaughter steers, 4 percent slaughter heifers, 52 percent cows, 7 percent bulls with the balance feeders.

SLAUGHTER STEERS: Few high Choice and Prime 3-4 1225-1375 lb. 62.35-62.75; Good and Choice 1-2 1200-1425 lb. 62.00-63.10, three head 63.50-64.25; Choice 2-4 1075-1475 lb. 59.75-61.85, several 62.00-62.85; high Good and low Choice 2-3 57.00-60.00; Good 2-3 54.00-57.00; few head Choice 1200-1450 lb. Holsteins 53.00-55.75; Standard 1-2 48.00-51.50.

SLAUGHTER HEIFERS: Few head Choice 2 1050-1275 lb. 59.75-61.25; mixed Good and Choice 950-1050 lb. 52.50-53.75; few Good 2-3 850-1050 lb. 48.25-52.00.

COWS: Utility and Commercial 1-3 38.00-40.75, few 41.00-42.25; Commercial 3-4 35.00-38.00; Cutter 1-2 37.00-39.75, few 40.00-41.00; Canner and low Cutter 34.00-36.25.

BULLOCKS: Choice 1050-1300 lb. 57.50-59.75, individual 60.35; Good 1000-1275 lb. 54.00-56.50.

BULLS: Yield grade 1 1300-1800 lb. 51.50-53.85, individual 2305 lb. 56.10; yield grade 2 1000-1300 lb. 46.00-51.00.

VEAL CALVES: 561. Vealers uneven, few sales Choice and Prime steady, bulk of Choice 3.00-5.00 lower; high Good and low Choice mostly steady. Demand fair for Holstein bulls to return to farm.

VEALERS: Few Choice and Prime 165-265 lb. 110.00-115.00; Choice 160-330 lb. 89.00-100.00, few 100.00-104.00, 120-160 lb. 75.00-90.00; high Good and low Choice 140-280 lb. 60.00-80.00, 115-140 lb. 55.00-65.00, 80-115 lb. 47.00-55.00, 60-75 lb. 40.00-47.00.

RETURNED TO FARM: Bulk 90-125 lb. Holstein bulls 68.00-80.00, few 80.00-87.00, 85-95 lb. 57.00-70.00.

Lancaster County Weekly

Friday, Jan. 7

	Cattle	Calves
This Week	3100	1680
Last Week	3520	1384
Last Year	3182	1764

CATTLE: Slaughter steers steady to .50 lower, few sales Choice and Prime 4-5 1.00-1.50 lower; slaughter heifers steady to 1.00 lower; cows uneven, Utility and Commercial .50-1.00 lower, extremes 2.00 lower, Canner and Cutter steady, instances 1.00 higher; bullocks steady; bulls fully steady. Supply included 37 per cent slaughter steers, 37 per cent cows, 7 per cent slaughter heifers, 6 per cent bulls, balance feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1180-1425 lbs. 61.50-62.75, few 4-5 1375-1580 lbs. 57.00-60.60; Good and Choice 1-3 1150-1425 lbs. 62.00-64.00, 10 head to retail outlets 64.25-66.00; Choice 2-4 1050-1450 lbs. 59.00-61.75, few 61.75-62.85; Choice 4-5 1275-1550 lbs. 57.50-59.25; high Good and low Choice 2-3 1050-1450 lbs. 56.00-59.50, few 59.50-60.00, Good 2-3 53.00-57.00; Good and Choice 1200-1475 lbs. holsteins 50.00-54.50, Standard 1-2 46.75-51.00.

SLAUGHTER HEIFERS: Choice 2-3 875-1120 lbs. 54.50-58.75, few Choice Grade 2 59.00-61.25; Good 2-3 850-1000 lbs. 50.00-55.50; Good 2-3 950-1150 lbs. heiferettes 41.50-55.00, few 46.00-52.00.

COWS: Utility and Commercial 1-3 38.00-41.00, few 41.00-42.75, Commercial 3-4 35.00-38.50, Cutter 1-2 37.00-40.00, few 40.00-41.50,

(Turn to Page A8)

HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon
GREEN DRAGON MARKET & AUCTION
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1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only.

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Sale every Tuesday at 1:30 P.M. starting with feeder cattle and pigs.
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Open 24 hours a day
365 days a year
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10:00 A.M. — Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. — Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M. — Slaughter Hogs
1:00 P.M. — Feeder Pigs
FRIDAY
11:00 A.M. — Stocker and Feeder Cattle
SATURDAY
9:30 A.M. — Slaughter Hogs
FEEDER PIG SALE
TUESDAY, JANUARY 11
LANCASTER STOCKYARDS, INC.
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Get calves in early. We start to grade and weigh at 2:00.
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Business Phone
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L. Robert Frame, Manager
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8:00 A.M. - Fat Hogs
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THURSDAY'S AUCTION
11:00 A.M. - Beef Sale
Order of Sale, Bulls, Fat Steers, Cows, Veal
3:30 P.M. - Calf Sale
NEW HOLLAND SALES STABLES INC.
New Holland, PA
Abram W. Diffenbach, Manager
Phone 717-354-4341

Hog Markets

Lancaster Hogs

Monday, Jan. 3
Report supplied by USDA

HOGS: Compared to last Wednesday barrows and gilts .50-1.00 higher.

BARROWS AND GILTS: US 1-2 205-250 lb. 56.50-57.10. US 1 205-250 lb. 57.85-59.00, few Selected 59.50-60.50. US 1-3 220-260 lb. 55.00-56.50. US 1-2 Few 195-200 lb. 54.25-56.00.

Tuesday, Jan. 4

TODAY	170
LAST TUESDAY	392
LAST YEAR	443

TREND: Compared to Monday barrows and gilts steady to weak.

BARROWS AND GILTS: US 1-2 210-255 lb. 56.50-57.00. US 1 Couple 210-225 lb. 58.00-58.75. US 1-3 220-260 lb. 55.85-56.10. US 2-3 265-275 lb. 53.00-54.10, 290-295 lb. 49.35-49.85.

Wednesday, Jan. 5

HOGS: Compared to Tuesday barrows and gilts 1.50-2.00 higher.

BARROWS AND GILTS: US 1-2 210-255 lb. 57.75-59.00, Few 59.10-59.25. US 1 Few 210-240 lb. 59.25-60.00. US 1-3 220-260 lb. 56.50-57.75.

Vintage Hogs

Vintage Sales Stables
Saturday, Jan. 1
Report supplied by auction

U.S. 1 & 2 205-235 lbs. 57.50-59.25; U.S. 2 & 3 200-245 lbs. 55.00-57.50; Lightweights 180-195 lbs. 52.00-54.25.

Wednesday, Jan. 5

U.S. 1 & 2 205-235 lbs. 56.50-57.75; U.S. 2 & 3 200-245 lbs. 55.00-56.50; Sows 300-500 lbs, 46.00-49.00; Boars 200-400 lbs. 45.00-49.50.

New Holland Hogs

Monday, Jan. 3
Report supplied by USDA

Today	1296
Last Monday	1782
Last Year	1406

TREND: Compared to last Monday barrows and gilts 2.00-3.00 lower.

BARROWS AND GILTS: US 1-2 205-245 lb. 56.50-57.00, Several early 57.00-57.75. US 1 205-250 lb. 58.00-59.00. US 1-3 220-260 lb. 56.00-57.00, Late 56.00-56.50. US 2-3 250-270 lb. 53.50-54.50.

Lancaster Feeder Pigs

Tuesday, Jan. 4
Report supplied by USDA

Today	1065
Last Tuesday	1141
Last Year	1434

TREND: Compared to last Tuesday feeder pigs weak to 5.00 lower. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 151 head 27-39 lb. 126.00-140.00; 322 head 40-49 lb. 114.00-129.00; 137 head 50-59 lb. 100.00-114.00; 50 head 52 lb. 131.00; 79 head 60-69 lbs. 94.00-100.50.

US 2: 52 head 49-53 lb. 95.00; 14 head 66-68 lb. 75.00-80.00.

US 2-3: 31 head 20-35 lb. 122.00-126.00; 11 head 34 lb. 108.00; 26 head 44-49 lb. 91.00-100.00; 9 head 55 lb. 90.00; 14 head 76 lb. 79.00.

US 26 head 36-47 lb. 74.00-80.00.

Indianapolis Hogs

Thursday, Jan. 6
Report supplied by USDA

800 - Barrows & gilts moderately active, steady to .50 higher; mostly 25-50 up. US 1-2 220-250 lb. 56.00-56.50, 120 head 56.75. US 1-3 Lot Near 225 lb. 56.00.

SOWS: Slow, steady to 1.00 lower, decline mostly over 500 lb. (10%) US 1-3 375-450 lb. 47.00-48.00; 490-550 lb. 49.00-50.50.

BOARS: Under 250 lb. scarce; over 300 lb. 40.00-42.00.

Lancaster Hogs

Lancaster Stockyards
Saturday, Jan. 1
Report supplied by auction

530 head.

US #1 215-240 lbs. 59.00-61.50; U.S. 1 & 2 215-245 lbs. 57.00-58.50; U.S. 2 & 3 210-255 lbs. 56.50-57.00.

St. Louis Hogs

Thursday, Jan. 6
Report supplied by USDA

4500 - Barrows & gilts fairly active, .50-.75 higher. US 1-2 200-250 lb. 56.50-57.00. US 1-3 230-250 lb. 55.50-56.50, 250-270 lb. 54.50-55.50.

SOWS: Uneven, weights under 500 lb. steady-50 higher, over 500 lb. steady-1.00 lower. (About 10%) US 1-3 300-500 lb. 47.50-48.00, 500-650 lb. 49.00-52.00.

BOARS: Over 260 lb. 44.50, few 44.25; 200-260 lb. 50.00.

Peoria Hogs

Wednesday, Dec. 22
Report supplied by USDA

2500 - Barrows & gilts moderately active, fully steady. US 1-2 200-250 lb. 56.00-56.50, 100 head 57.00. US 1-3 200-250 lb. 55.00-56.00.

SOWS: Under 450 lb. .75-1.00 higher, over 450 lb. steady-.25 lower. (13%) US 1-3 350-450 lb. 48.00-48.50, some 49.00, 450-500 lb. 48.50-49.50; 500-650 lb. 50.00, some 50.25.

BOARS: Over 350 lb. 44.75; under 350 lb. 40.00-51.00.

New Holland Feeder Pigs

Wednesday, Jan. 5
Report supplied by USDA

Today	624
Last Wednesday	992
Last Year	933

TREND: Compared to last Wednesday feeder pigs 5.00-10.00 lower. All pigs weighed on arrival and sold by the hundredweight.

US 1-2: 71 head 28-36 lb. 124.00-138.00; 38 head 42 lb. 100.00-120.00; 32 head 52 lb. 124.00; 132 head 50-59 lb. 96.00-115.00; 29 head 62 lb. 114.00; 37 head 60-69 lb. 92.00-102.00.

US 2-3: 21 head 30-33 lb. 120.00-126.00; 36 head 34-39 lb. 98.00-110.00; 23 head 41-46 lb. 114.00-120.00; 38 head 41-46 lb. 102.00-106.00; 19 head 57-60 lb. 106.00-110.00.

Eighty-four Auction

Eighty-four, Pa.
Monday, Jan. 3
Report supplied by PDA

CATTLE 300. Compared with last Monday's market, slaughter cows mostly steady, spots 25 cents higher. Few Choice Slaughter steers 56.00-58.75, Good 53.00-56.25, Standard 46.00-53.25, few Utility 39.00-45.00. Few Choice slaughter heifers 54.00-56.50, Good 49.00-53.50, Standard 42.00-48.00, Utility 37.00-43.00. Utility & Commercial slaughter cows 37.25-41.75, few to 42.50, Commercial No. 4-5 36.00-39.25, Cutters 35.50-37.75, Canner & Low Cutter 30.00-35.75, Shells down to 18.00. Yield Grade #1 1100-1700 lbs. slaughter bulls 46.00-51.50; yield grade #2 1000-1400 lbs. 38.00-45.00. Medium Frame #1 400-550 lbs. feeder steers 54.00-60.00; Medium & Small Frame #1 300-500 lbs. feeder heifers 46.00-50.00.

CALVES 260. Few Choice vealers 89.00-99.00, Good 68.00-85.00, Standard & Good 90-120 lbs. 40.00-51.00, 60-85 lbs. 36.00-45.00, Utility 50-85 lbs. 20.00-33.00. Farm calves, holstein bulls 90-120 lbs. 56.00-73.00.

HOGS 102. Barrows & gilts $1.50 to $2 lower. US No. 1-2 200-240 lbs. barrows & gilts 55.50-56.75, No. 1-3 210-250 lbs. 55.00-55.75, one lot No. 2-3 300 lbs. at 50.00, No. 1-3 100-190 lbs. 51.00-54.75. US No. 1-3 400-650 lbs. sows 48.00-51.25, No. 2-3 380-700 lbs. 43.00-48.00. Boars 41.25-42.50.

FEEDER PIGS 15. US No. 1-3 23 lbs. (few) 16.00 per head, No. 1-3 48-85 lbs 34.50-47.50 per head.

SHEEP 88. Wooled slaughter lambs $1 to $2 lower. Choice 85-95 lbs. wooled slaughter lambs 58.00-60.00, Good 80-95 lbs. 50.00-56.00, Utility 70-80 lbs. 43.00-50.00. Slaughter sheep 16.00-22.00.

GOATS 12. 18.00-30.00 per head.

U.S. Inspected Livestock Slaughter

Thursday, Jan. 6
Report supplied by USDA **Estimated Daily Livestock Slaughter Under Federal Inspection**

	CATTLE	CALVES	HOGS	SHEEP
This Week	518,000	46,000	1,156,000	104,000
Last Week	487,000	44,000	999,000	83,000
Last Year	498,000	45,000	1,396,000	101,000

Market courtesy of USDA.

Chicago Grain Futures

(Closing Bids as of Thursday, Jan. 6)

	Corn	Wheat	Soybeans	Soybean Meal
Jan.			5.66¼	
Mar.	2.45½	3.30¾	5.74¼	174.40
May	2.54¼	3.37½	5.82½	175.20
July	2.61½	3.42½		176.50

Trend - Corn is higher, Wheat is higher, Soybeans are higher, Soybean Meal is lower.

Market Provided by Commodity Department
Dean Witter Reynolds, Inc.

Futures Trading

(Closing Bids as of Thursday, Jan. 6)

	Chicago Cattle	Chicago Hogs	New York Maine Potatoes
Feb.	60.65	58.42	
Apr.	60.85	54.87	6.77
June	62.12	55.75	

Trend - Cattle are higher, Hogs are higher. Potatoes are higher.

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Tuesday, January 11 at 1 P.M.

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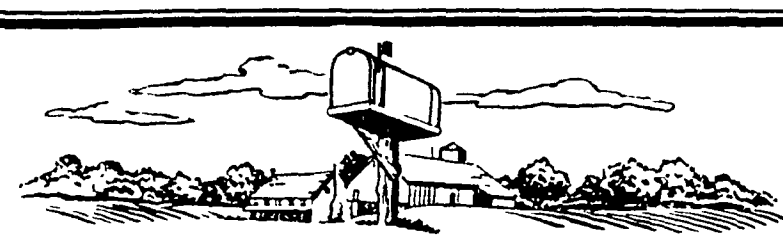

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Five Sections

Poultry Markets

Weekly New York Egg Market

From Monday, Jan. 3 to Jan. 7

	Mon.	Tues.	Wed.	Thurs.
WHITE				
Jumbo	76	74	72	72
Ex Large	72	69	67	67
Large	69	66	63	63
Mediums	60	58	56	56
Pullets	45	45	45	45
BROWN				
Jumbo	—	—	—	—
Ex Large	88	85	82	82
Large	83	80	77	77
Mediums	60	58	56	56
Pullets				
Peewees	Unquoted			
Off Grade				
Large	58	56	54	54
Checks	29	28	28	28

N. E. Weekly Shell Egg Report

Tuesday, Jan. 4
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	90-96	87-95	71-79	47-53
Mostly	94-96	91-93	76-77	50-51
N. HAMP.	77-81	74-78	61-65	40-42
Mostly	79-80	76-77	63-64	41-42
R.I.	81-87	80-86	65-71	41-47
Mostly	81-84	80-81	65-66	41-44
VERMONT	90-1.00	87-97	71-82	—
Mostly	92-94	89-91	73-75	—
MAINE	86-91	83-88	70-73	49-50

X Includes Central and Western Sections only.

Philadelphia Eggs

Thursday, Jan. 6
Report supplied by USDA

MARKET COMMENT: Prices lower. Cartoned egg orders light. Features light but promotions scheduled next week on large at 59-69 range. Large ample; mediums irregular but ample overall. Undertone weak and unsettled.

Prices to retailers: Sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large 64-75½; A Large 63.00-71½; Medium 54-58½.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, Jan. 4
Report supplied by auction

MUSCOVY DUCKS, DRAKES: range .90-1.10 per lb.

MUSCOVY DUCKS, HENS: range .60-.76 per lb.

PEKIN DUCKS: range .46-.58 per lb.

RED FOWL: 4-5 lbs. range .15-.28 per lb.

RED FOWL: 5-6 lbs. range .24-.38 per lb.

CROSSBRED FOWL: 6-9 lbs. range .22-.36 per lb.

CROSSBRED ROOSTERS: 4-6 lbs. range .40-.66 per lb.

CROSSBRED ROOSTERS: 7-10 lbs. range .30-.54 per lb.

GUINEA FOWL: range 1.30-1.46 per lb.

BANTY ROOSTERS: range 1.50-3.25 ea.

BANTY HENS: range .50-1.25 ea.

LEGHORN ROOSTERS: range .15-.30 per lb.

LEGHORN HENS: range .06-.10 lb.

GEESE: 8-16 lbs. range .30-.80 per lb.

PIGEONS: range 1.25-1.75 ea.

WHITE PIGEONS: range 2.50-3.35 ea.

RABBITS: 4-6 lbs. range .62-1.04 per lb.

RABBITS: 7-11 lbs. range .60-.92 per lb.

GUINEA PIGS: range .25-.75 ea.

GOATS: range 35.00-64.00 ea.

KID GOATS: range 27.00-33.00 ea.

Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification	Net Weight Per Case	Jan. 4 Tuesday	Jan. 6
Class 1 - Large	48 lbs.	43½	42½
Class 2 - Large	45 lbs.	43	42
Class 3 - Medium	42 lbs.	42	40
Class 4 - Small	39 lbs.	31	31
Breaking Stock	48 lbs.	38	37
Checks	48 lbs.	33½	32½

Eastern Pa. & N.J. Poultry

Wednesday, Jan. 5
Report supplied by USDA

MARKET COMMENT: Prices generally unchanged; offerings fully adequate. Plants booked solid. Finished product sales fairly good but excess difficult to move. Undertone steady at best.

Light Type Hens: 7½-8½, mostly 8 prices paid at farm.

F.O.B. plant: 9-10.

Heavy Type Hens: TFTR.

RANGE: U.S. Grade A 45-47; 1,927 boxes; Branded U.S. Grade A 45-47½; 14,499 boxes.

WTD. AVG.: U.S. Grade A 45.78; Branded U.S. Grade A 46.90.

New York Multiple Drop Broiler Report

Thursday, Jan. 6
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

Delmarva Poultry

Thursday, Jan. 6
Report supplied by USDA

MARKET COMMENT: RTC movement on whole birds fairly good and clearing satisfactorily. Breasts fair and cutlets well cleared. Legs improved and wings irregular. Slaughter schedules heavy but live supplies fully adequate to ample. Undertone steady.

Today's L.T.L. asking prices steady on U.S. Grade A at 45-47 cents.

Estimated slaughter of broiler fryers in Delmarva (000).

Estimated 1/6 1,953; Actual 12/30 1,746; Actual 1/4 1,946; Average Weights 1/4 4.40; 12/28 4.37.

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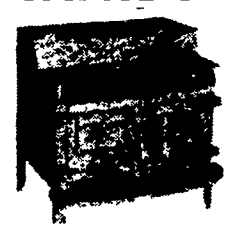

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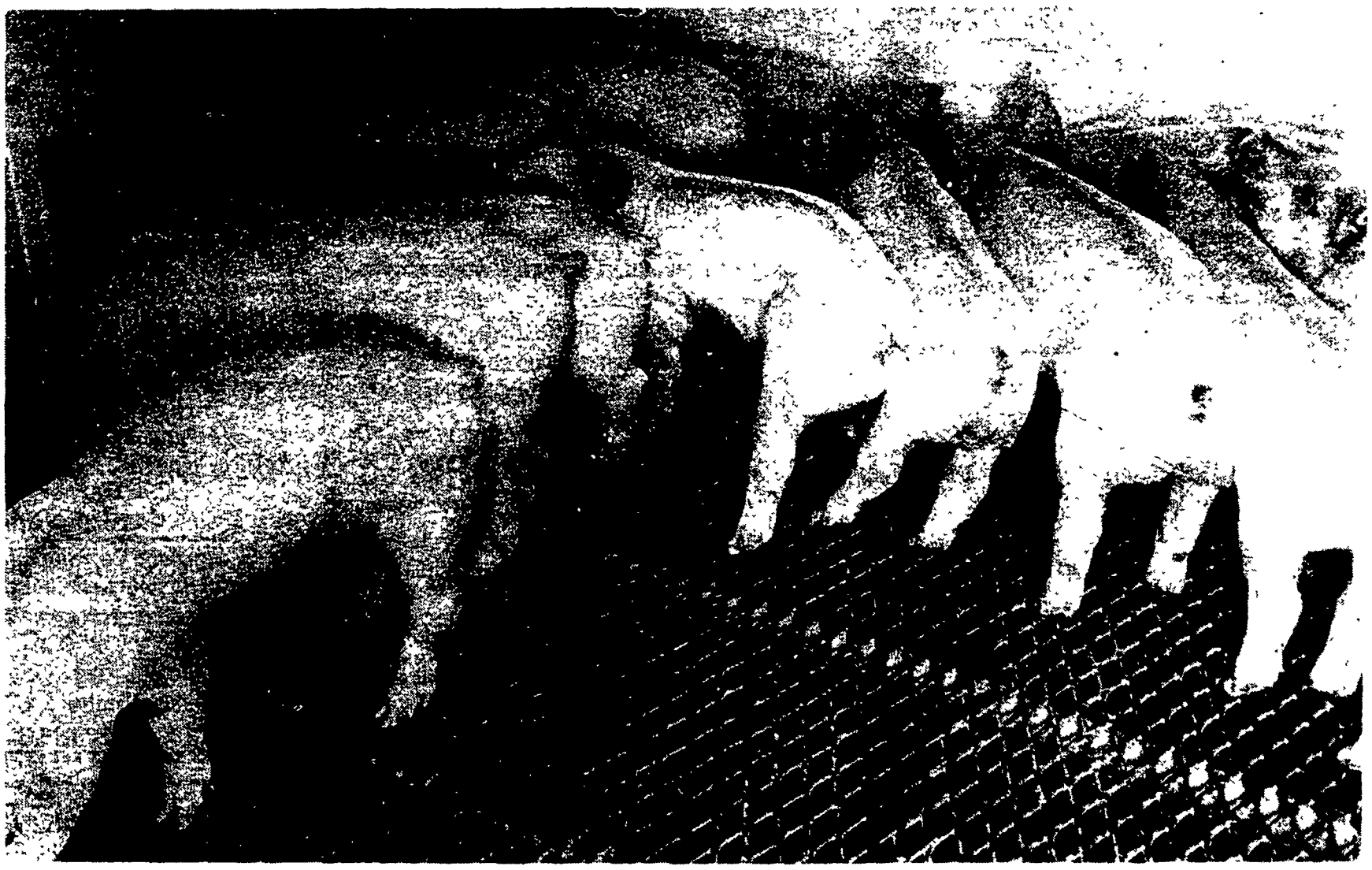

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Livestock market and auction news

Hay Markets

Regional Hay
Friday, Dec. 31
Report supplied by PDA

(All hay No. 2 and better, prices paid by the dealers at the farm and per ton.)

Hay & Straw steady to strong.

Alfalfa 95.00-130.00; Mixed hay 80.00-100.00; Timothy hay 75.00-100.00; Straw 50.00-60.00, few 70.00; Mulch 25.00-45.00.

Green Dragon Hay
Ephrata, Pa.
Friday, Dec. 31
Report supplied by PDA

118 loads hay and 26 loads straw.

Alfalfa 88.00-148.00, mostly 100.00-133.00; Mixed hay 65.00-114.00, few 137.00; Timothy hay 80.00-115.00; Clover, few 73.00-83.00; Grass, one load 70.00; Straw 64.00-98.00, Ear Corn, 13 loads 70.00-86.00; Corn Fodder, one load 56.00; Oats, one load $1.90 per bushel.

Frederick Co. Hay
Buckeystown, Md.
Thursday, Jan. 6
Report supplied by auction

70 loads, market lower.

Alfalfa some dark 47.00-125.00; Alfalfa & Orchard grass 112.00-121.00; Timothy 80.00-115.00; Mixed Timothy 66.00-84.00; Mixed some dark 52.00-95.00; Clover 70-82.00; Bromegrass 72.00; Big Round Bales Grass 40.00; Straw 55.00-78.00; Corn Fodder 44.00; Ear Corn 73.00; Firewood 52.00-55.00; Locusts Posts 2.65 ea.

New Holland Hay
New Holland Sales Stables
Monday, Jan. 3
Report supplied by auction

196 loads, market steady with last week.

Alfalfa top quality mostly 120.00-140.00, few up to 165.00, first cuttings 70.00-90.00; Mixed Choice Alfalfa & Timothy 110.00-140.00; Choice Clover & Timothy 100.00-120.00; mostly 80.00-100.00; few with mold or rain damage 65.00-80.00; Timothy Choice 110.00-127.00; mostly 90.00-110.00; Few Off-color 76.00-96.00; Straw 75.00-85.00; Few up to 92.00; Few off-color 63.00-70.00; Clover 80.00-101.00; Ear corn 69.00-86.00; Oats 1.60 bulk and 2.10-2.30 bu. bagged; Corn Fodder 55.00-56.00; Wood 42.00-85.00 pickup load.

Good's Hay
Leola, Pa.
Wednesday, Jan. 5
Report supplied by auction

159 loads.

Mixed 51.00-134.00; Straw 54.00-85.00; Alfalfa 72.00-127.00; Corn 64.00-79.00; Timothy 74.00-121.00; Corn Fodder 44.00-51.00; Clover 80.00-92.00; Wood 26.00-38.00 load.

Kiester's Hay
Middleburg, Pa.
Wednesday, Jan. 4
Report supplied by auction

42 loads of hay: Timothy 56.00-80.00; Mixed 60.00-101.00; Alfalfa 95.00-125.00.

16 loads of straw: 54.00-59.00.

3 loads of Ear Corn: 75.00.

Leinbach's Hay
Shippensburg, Pa.
Tuesday, Jan. 4
Report supplied by auction

34 loads.

Alfalfa 95.00-145.00; Clover 85.00-95.00; Timothy 82.00; Mixed 79.00-102.00; Straw 57.00-69.00; Corn Fodder 45.00-46.00; Pickup loads of wood 22.50-32.00.

Vintage Hay
Vintage Sales Stables
Wednesday, Jan. 5
Report supplied by auction

Alfalfa 90.00-110.00; Mixed 75.00-85.00; Timothy 89.00; Straw 65.00-76.00; Corn Fodder 47.00-49.00.

Pa. Grain
Monday, Jan. 3
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central Pa.: Corn and wheat unevenly steady, instances stronger. Wheat, Barley, Oats & Ear Corn mostly steady.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 2.40-2.65, average 2.53, New Crop 2.60-2.65; Wheat No. 2 range 3.20-3.50, average 3.37, New Crop 3.10-3.30; Barley No. 3 range 1.85-2.10, average 1.96, New Crop 1.70; Oats No. 2 range 1.60-195, average 1.78; Soybeans No. 1 range 5.20-5.50, average 5.40; Grain Sorghum #2 range 1.95; average 1.95; Ear Corn range 55.00-65.00, average 61.00.

Central Pa.

Corn No. 2-y range 2.40-2.60, few reported 2.30; average 2.48; Wheat No. 2 range 2.90-3.30, average 3.13; Barley No. 3 range 1.65-1.85, average 1.76; Oats No. 2 range 1.45-1.65, average 1.53; Soybeans No. 1 5.00-5.30, average 5.15; Grain Sorghum #2 range 2.20-2.50, average 2.35; Buckwheat range 10 00, average 10.00; Ear Corn range 54.00-63.00, average 56.00.

South Central Pa.

Corn No. 2-y range 2.30-2.50, average 2.38; Wheat No. 2 range 2.85-3.10, few reported 3.40, average 3.03; Barley No. 3 range 1.65-1.80, average 1.77; Oats No. 2 range 1.60-1.70, few reported 1.95, average 1.69; Ear Corn range 50.00-75.00, average 61.38.

Southeastern Central & South Central Summary

Corn No. 2-y range 2.35-2.65, average 2.48; Wheat No. 2 range 2.90-3.50, average 3.20; Barley No. 3 range 1.65-2.00, average 1.82; Oats No. 2 range 1.50-1.95, average 1.64; Ear Corn range 52.00-68.00; average 59.52.

Western Pa.

Corn No. 2-y range 2.30-2.60, average 2.47; Wheat No. 2 range 2.80-3.20, average 2.97; Barley No. 3 range 1.80-1.85, average 1.83; Oats No. 2 range 1.55-1.70, few reported 1.40, average 1.56; Buckwheat range 9.00, average 9.00; New Ear Corn range 60.00-66.00, average 63.00.

Dewart Auction
Dewart, Pa.
Monday Jan. 3
Report supplied by PDA

CATTLE 236. Compared with last Monday's market, slaughter cows mostly .50 to $1.50 higher. Few Choice No. 2-4 1100-1360 lbs slaughter steers 56.50-59.50, Good 53.00-56.00, Standard 47.50-52.00. Few Choice slaughter heifers 54.50-59.25, few Good 50.25-54.00, Few Standard 47.00-50.00. Utility & Commercial slaughter cows 37.75-42.75, few to 43.35, Cutters 36.50-39.50, few Canner & Low Cutter 34.00-37.00, Shells down to 28.00. Few good slaughter bullocks 48.75-54.00. Yield grade #1 965-1800 lbs. slaughter bulls 47.10-51.85. Few Medium Frame #1 600-685 lbs. feeder steers 50.50-53.50; few Large Frame #1 380-550 lbs. feeder heifers 50.50-55.50.

CALVES 240. Few Choice vealers 75.00-94.00, Good 65.00-78.00, Standard & Good 105-120 lbs. 60.00-65.00, 75-100 lbs. 45.00-55.00. Farm Calves, holstein bulls 90-130 lbs. 52.00-82.00, mostly 60.00-75.00.

HOGS 114. Barrows & gilts $2 to $2.50 lower. US No. 1-2 210-230 lbs. barrows & gilts 55.50-55.90, No.1-3 210-260 lbs. 54.90-55.75. US No. 1-3 340-570 lbs. sows 46.50-56.75. Few Boars 40.50-46.25.

FEEDER PIGS 149. US No. 1-3 20-35 lbs. feeder pigs 32.00-40.50 per head, No.1-3 50-80 lbs. 50.00-55.50 per head.

SHEEP 24. Choice 85-110 lbs. wooled slaughter lambs 48.00-50.00, few Good 70-85 lbs. 41.00-46.00. Few Slaughter ewes 13.00-20.00.

GOATS 9. 13.00-32.00 per head.

New Holland Dairy
New Holland Sales Stables
Wednesday, Jan. 5
Report supplied by auction

Reported receipts of 126 cows, 105 heifers. Market stronger.

Load of Pa. fresh cows 860.00-1310.00, springers 680.00-960.00; Load of Susquehanna Co. fresh cows 1150.00-1325.00; Load of Butler Co. springers 825.00-1050.00; Load of Pa. fresh cows 875.00-1250.00; Load of Pa. fresh cows 1075.00-1400.00; Load of Ct. fresh cows, 810.00-1190.00.

Locally consigned cows 420.00-975.00; Springing heifers 700.00-1035.00; Open heifers 210.00-535.00.

Herd dispersal 47 head, all stages, 410.00-1125.00.

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Livestock market and auction news

Carlisle Auction

Carlisle, Pa.
Tuesday, Jan. 4
Report supplied by auction

CATTLE: Steers were 2.00 lower; Heifers were 1.00 higher; Cows were 1.00 lower; Bullocks were 1.00 lower: Bulls were 2.00 higher. Steers: No Choice offered; Good 52.50-54.50; Standard 50.00-52.00; Utility 48.50 Down. Heifers: No Choice offered; Low Good to Good 51.50-53.75; Standard 47.00-49.25; Utility 45.00 Down. Cows: Earlybird Pen 2.00 higher! Utility & Commercial 39.75-40.85; Cutter 36.10-39.50; Canner & Low Cutter 33.00-36.00; Shells 32.00 Down. Bullocks: No Choice offered; Good 53.00; Utility 48.00 Down. Bulls: Yield Grade No. 1 to 50.75.

FEEDER CATTLE: Steers were steady; heifers were steady to 1.50 higher; Bulls were steady. Steers: Medium 537-695 lbs. 55.00-56.00. Heifers: Medium 240-405 lbs. 44.00-48.00; Medium 490-620 lbs. 45.00-46.50. Bulls: Good 1 lot 580 lbs. 55.00; Medium 1 lot 580 lbs. 43.00.

CALVES: Vealers were 6.00 lower; Back to the Farm calves were 18.00 lower for Hol. Bulls. Vealers: No Choice offered; Good 70.00-74.00; Standard and Good 60.00-70.00; Standard 50.00-65.00; Light & Weak 55.00 Down. Farm Calves: Hol. Bulls 70.00-74.00.

HOGS: 1.00 lower; US No. 1-2, 55.60-57.75; US No. 1-3 51.00-56.75. Sows: US No. 1-3, 48.50-52.50; US No. 1-3, 42.00-47.50. Boars: 39.25-41.25.

FEEDER PIGS: US No. 1-3, 20-30 lbs. 22.00-26.00 Hd. No. 1-3, 30-40 lbs. 32.00-40.00 Hd. No. 1-3, 43-55 lbs. 44.00-52.00 Hd.

SHEEP: Lambs: Good 51.50-54.00; Utility 50.00 Down.

HAY: 100.00 Ton.

FIREWOOD: 25.00-45.00 load.

Belknap Auction

Dayton, Pa.
Wednesday, Jan. 5
Report supplied by PDA

CATTLE 118: Compared with last Wednesday's market; couple Good slaughter steers 52.00 and 55.50, couple Standard 47.50 and 48.00. Couple Choice slaughter heifers 50.50 and 51.50, couple Standard 40.00 and 44.00. Utility and Commercial slaughter cows 38.00-43.75, Cutters 35.00-38.75, Canner & Low Cutter 29.25-35.75, Shells down to 20.25. Few Yield Grade #1 1115-1680 lbs. slaughter bulls 45.75-48.75; few yield grade #2 900-1300 lbs. 36.75-41.00. Few Medium & Large Frame #1 315-465 lbs. feeder steers 44.00-56.00, few Large Frame #2 590-745 lbs. 40.00-45.00; Medium & Large Frame #1 310-670 lbs. feeder heifers 38.00-46.00.

CALVES 84: Good vealers 70.00-84.00, Standard & Good 90-110 lbs. 47.00-53.00, 65-85 lbs. 35.00-48.00. Farm calves, holstein bulls 95-130 lbs. 50.00-77.00, few to 86.00.

HOGS 163: Few US No. 1-2 220-250 lbs. barrows & gilts 56.50-57.00, few to 57.75, No. 1-3 195-260 lbs. 55.50-57.00, No. 2-3 205-290 lbs. 53.50-55.50, No. 1-3 140-195 lbs. 52.00-54.50. US No. 1-3 300-565 lbs. sows 47.00-51.00. Boars 40.00-42.75.

FEEDER PIGS 57: US No. 1-3 30-40 lbs. feeder pigs 35.00-46.00 per head, No. 1-3 40-50 lbs. 46.00-50.50 per head.

SHEEP 13: Few Good & Choice 70-95 lbs. wooled slaughter lambs 41.00-46.00, few Good 45-65 lbs. 29.00-34.50. Few Slaughter ewes 9.00-14.50.

Keisters Middleburg Auction

Middleburg, Pa.
Tuesday, Jan. 4
Report supplied by PDA

CATTLE 335. Compared with last Tuesday's market; few High Choice & Prime No. 2-3 slaughter steers 62.60-63.60, No. 2-4 975-1350 lbs. 58.25-62.60, High Good to Low Choice 56.50-58.00, Good 52.00-56.25, Standard 47.50-52.25, few Utility 42.00-46.00. Choice No. 3-4 slaughter heifers 52.00-55.00, few Choice No. 2 58.75-60.85, few Standard & Good 48.25-51.25. Utility & Commercial slaughter cows 37.50-41.00, one at 41.50, Cutters 36.60-38.75, Canner & Low Cutter 33.25-36.60, Shells down to 30. One Good slaughter bullock at 55.25. Yield Grade #1 1030-2180 lbs. slaughter bulls 48.00-55.00. Medium Frame #1 350-800 lbs. feeder steers 46.00-56.50; one lot Large Frame #2 750-800 lbs. feeder bulls at 49.00.

CALVES 169. Couple Choice vealers 73.00 and 81.00, few Good 67.00-70.00, Standard & Good 70-100 lbs. 44.00-54.50, Utility 60-80 lbs. 30.00-40.00. Farm calves, holstein bulls 90-125 lbs. 50.00-87.50, mostly 65.00-84.00; holstein heifers 90-110 lbs. 53.00-67.00.

HOGS 244. (Monday, January 3, 1983). US No. 1-2 210-230 lbs. barrows & gilts 55.85-56.85, few lots 58.75, No. 1-3 200-250 lbs. 55.00-55.85, No. 2-3 190-270 lbs. 53.50-55.00. US No. 1-3 295-635 lbs. sows 48.75-53.75, No. 2-3 300-650 lbs. 44.00-48.75. Boars 43.25-45.00. TUESDAY 84. US No. 1-2 (1 lot) 57.25, No.1-3 (few lots) 55.60-56.00.

FEEDER PIGS 240. US No. 1-3 20-35 lbs. feeder pigs 40.00-53.00 per head, No. 1-3 40-55 lbs. 52.00-65.00 per head.

SHEEP 18. Choice 85-120 lbs. wooled slaughter lambs 50.00-56.00, one at 59.00, few Good 80-110 lbs. 46.00-51.00.

Chambersburg Auction

Chambersburg, Pa.
Thursday, Jan. 6
Report supplied by PDA

CATTLE: 438. Sl. steers; few Choice NO. 2-4, 900-1400 lbs. 57.75-61.60, Good 53.50-57.00; Standard 48.75-52.75; few Utility 42.75-46.00. Sl. heifers: few Choice 55.60-59.00; few Good 52.00-52.75; few Standard 46.75-47.25. Sl. cows: Utility & Commercial 37.35-41.00, few to 44.50; Cutters 36.75-39.00; Canner & L. Cutter 32.85-36.85; Shells down to 30.00. Sl. bullocks: few Standard 48.35-48.75. Sl. bulls: Yield Grade No. 1, 900-2200 lbs. 47.75-54.10.

FEEDER CATTLE: Heifers, few Medium Frame No. 1, 350-650 lbs. 40.50-49.00.

CALVES: 452. Few Prime 111.00-117.00; Choice 86.00-107.00; Good 66.00-86.00; Standard & Good 105-120 lbs. 54.00-60.00; 70-100 lbs. 46.00-53.50; Utility 50-80 lbs. 40.00-50.00.

FARM CALVES: Hol. Bulls 90-130 lbs. 58.00-95.00, mostly 70.00-85.00; Hol. Heifers 90-130 lbs. 55.00-85.00.

HOGS: 60. NO. 1-3 210-250 lbs. 56.25-56.60. Sows US No. 1-3 275-500 lbs. 46.50-51.00. Few Boars 38.75-39.75.

FEEDER PIGS: 63. Few Lots US No. 1-3 30-35 lbs. 22.00-24.00; 50-60 lbs. 38.00-46.00.

SHEEP: 19. One lot Choice 113 lbs. at 52.50; few Good 60-80 lbs. 40.00-47.00. Few Sl. ewes: 17.00-26.50.

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NEWVILLE, PENNA. 17241

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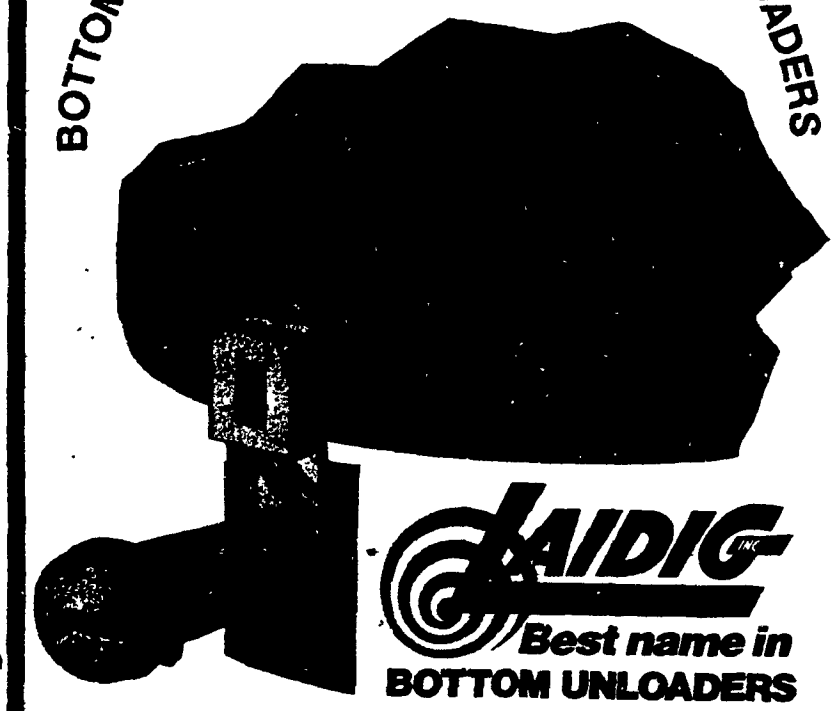

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DEKALB

STRIKE IT RICH!

SELL IT WITH A LANCASTER FARMING CLASSIFIED

Lancaster Weekly

(Continued from Page A2)

Canner and low Cutter 33.50-36.50.

BULLOCKS: Choice 1050-1300 lbs. 56.25-59.85; Good 1000-1275 lbs. 51.25-56.00.

BULLS: Yield Grade 1 1300-2160 lbs. 51.50-57.00, few 57.00-59.75, individual 1935 lbs. 64.60; Yield Grade 2 1000-1400 lbs. 46.00-52.00.

VEAL CALVES: Vealers uneven, generally steady although some late sales Choice 3.00-5.00 lower. Demand good for holstein bulls to return to farm.

VEALERS: Choice and Prime special fed 260-325 lbs. 110.00-118.00; Choice 160-325 lbs. 89.00-100.00, few 100.00-110.00; Choice 120-160 lbs. 75.00-90.00; high Good and low Choice 140-280 lbs. 60.00-85.00, 115-140 lbs. 55.00-75.00, 80-115 lbs. 47.00-55.00, 60-75 lbs. 38.00-47.00.

SLAUGHTER CALVES: Good and Choice 275-450 lbs. 48.00-60.00.

RETURN TO FARM: Bulk 100-125 lb. holstein heifers 60.00-75.00, few 90-105 lbs. 55.00-60.00; bulk 100-125 lb. holstein bulls 68.00-80.00, few 80.00-87.00, 85-100 lbs. 53.00-70.00.

New Wilmington Auction

New Wilmington, Pa.
Monday, Jan. 3
Report supplied by PDA

CATTLE 255. Compared with last Monday's market, slaughter cows .50 to $1.00 higher. Few Choice slaughter steers 56.50-58.75, few Good 51.50-54.50, Standard 44.00-50.25, few Utility 41.00-43.50. One Good slaughter heifer at 54.00, Standard 41.50-47.00. Utility & Commercial slaughter cows 37.75-40.75, few 42.00-44.50, Cutters 35.00-39.00, Canner & Low Cutter 28.00-35.50, Shells down to 20.75. Couple Yield Grade #1 slaughter bulls, one 1380 lbs. at 45.00 and 1200 lbs. at 46.50; few yield grade #2 1015-1445 lbs. 40.00-43.75. Few Medium & Large Frame #1 325-650 lbs. feeder steers 49.75-53.50, few Medium & Large Frame #2 340-725 lbs. 39.00-47.00; few Medium & Large Frame #1 300-700 lbs. feeder heifers 39.50-46.50.

CALVES 243. Vealers grading Good & Choice $2 to $3 lower, Standard mostly $5 higher. One Prime vealer at 103.00, Choice 87.00-100.00, Good 75.00-89.00, Standard & Good 90-120 lbs. 46.00-62.50, 65-85 lbs. 37.50-50.00, Utility 45-75 lbs. 12.00-19.00. Farm calves, holstein bulls 95-135 lbs. 60.00-77.50; holstein heifers 75-120 lbs. 42.00-70.00.

HOGS 393. Barrows & gilts fully $2 lower. US No. 1-2 210-250 lbs. barrows & gilts 55.00-56.25, No. 1-3 195-255 lbs. 53.75-55.00, No. 2-3 240-315 lbs. 49.00-53.75, few No. 1-3 150-175 lbs. at 51.00. Sows $5 higher. US No. 1-3 285-670 lbs. sows 47.00-55.00, few 57.00. Boars 42.00-46.50.

FEEDER PIGS 20. US No. 1-3 40-50 lbs. 46.00-50.00 per head, No. 1-3 60-85 lbs. 55.00-63.00 per head.

SHEEP 75. Choice 100-120 lbs. wooled slaughter lambs 42.00-50.00, mixed Good & Choice 70-85 lbs. 59.00-65.00, few Utility 35-70 lbs. 38.00-43.00. Slaughter ewes 10.00-23.00.

New Holland Horse

New Holland Sales Stables
Monday, Jan. 3
Report supplied by auction

Reported receipts of 260 head of horses, mules, and ponies. Market: steady.

Local Better horses 550.00-650.00; Driving horses 325.00-1000.00; Riding horses 300.00-450.00; Lightweight killers 325.00-450.00; Heavyweight killers 475.00-565.00; Mares 50.00-100.00; Colts 15.00-30.00; Geldings 15.00-100.00; Larger ponies 125.00-200.00.

Hay, Straw, Corn & Misc.
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12 NOON
Dewart Livestock Auction
Dewart, PA
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FRIDAY, JAN. 14 — 1:30 P.M.
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BUYER'S - If you can't make it call and give us your order!

J.B. KELLER & BRO. DAIRY COWS

Mount Joy, Pa. 17552
REGISTERED HOLSTEIN COWS

PACLAMAR ASTRONAUT, due with 2nd calf 2/12/83 to Clinton Camp Majesty 2-1, 293 dys, 16,320M, 630F, 3.9T inc. Dam- 86 pt. Lift-Off 4-1 303 dys, 22,320M 1,015F 4.5T. 2nd Dam- 83 pt. Charmcross 5-10, 339 dys. 20,429M, 1,009F, 4.9T.

MILU BETTY IVANHOE CHIEF, due with 2nd calf 2/4/83 to Glen-Valley Star 2-1 355 dys, 19,137M, 686F, 3.6T. Dam- 84 pt. Patrick 7-2, 365 dys. 28,506M 929F 3.2T.

ROUND OAK RAG APPLE ELEVATION due with 3rd calf 2/5/83 to S-W-D Valiant 3-3, 305 dys, 19,087M, 799F, 4.1T. Dam- 85 pt. Galaxy over 140,000 Milk.

CREEK-BLUFF ELEVATION LESTER, due with 2nd calf 2/13/83 to Cal-Clark Cutlass 1-11, 305 dys, 11,807m, 493F 4.0T. Dam- 83 pt. Elevation. 2nd Dam- Apollo Ivanhoe.

SHARDALE ARLINDA CHIEF JEMINI due with 1st calf 2/22/83 to Starlite Elevate. Dam- Jet Stream 5-1, 305 dys, 21,824M, 833F, 3.8T.

CREEK-BLUFF ELEVATION LESTER, due with 2nd calf 2/18/83 to Button Crest Adventurer 2-0, 305 dys. 12,167M. Dam- 80 pt. Whirlhill Kingpin 5-3, 316 dys, 19,736M 705F 3.6T.

DUMBELLE ELEVATION CORRELATION, due with 1st calf 1/20/83 to Carlin-M Ivanhoe Dell. Dam- 83 pts. Glendell Arlinda Chief 4-10, 337 dys, 26,921M, 905F, 3.4T.

BARRETT-RANCH IVAN ROCKMAN, due with 1st calf 2/8/83 to Pen-Col Drake-ET.

HILLHAVEN STANDOUT JOB, due with 1st calf 1/29/83 to Pen-Col Drake-ET.

LAWCREST MARVEX due with 1st calf March 1983. Dam- 87 pt. Apollo Topper.

VINCENT-VIEW MOLLY CHIEF, due with 1st calf 3/28/83 to Super Blend. Dam- 80 pt. Proud Performer 3-0, 306 dys, 22,294M, 606F, 2.7T.

VINCENT-VIEW MOLLY CHIEF due with 1st calf 5/13/83 to Super Blend. Dam- 80 pt. Proud Performer 3-0, 306 dys, 22,294M, 606F 2.7T.

GRADES

COLD-SPRINGS STYLEMASTER AMOS due with 3rd calf 1/24/83 to Valiant Son 3-1, 323, 15,458, 575, 3.7.

ELEVATION GRDTR. due with 1st calf March 1983. Dam- Charmcross 5-9, 359 dys. 25,193M, 1,039F, 4.1T.

REGISTERED HOLSTEIN BULL

LAWCREST MARVEX born 8/12/81. Dam- Arlinda Chief 4-8, 357 dys, 22,691M, 920F, 4.1T.
Transportations and financing available
STEVE KELLER 717-653-2284
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Office: 717-653-4851

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1 Mile North of Ephrata, PA
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50 HEAD HOLSTEIN COWS & HEIFERS
In All Stages
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SALE EVERY FRIDAY
Bulls, Steers, Slaughter Cows, Lambs and Veal Calves
11:00 A.M.- Beef Sale Stockers & Feeders 200 to 250 each week.
12:30 P.M.- Dairy Cows
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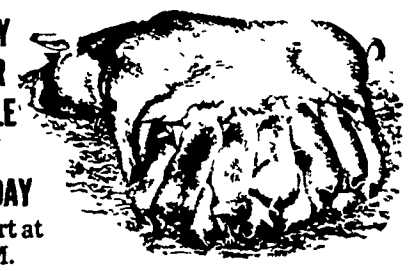
NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna
WEEKLY FEEDER PIG SALE EVERY WEDNESDAY
Sale to Start at 1:30 P.M.



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State Graded Until 12 Noon.
All pigs inspected by State Approved Veterinarian.
Calf Sale To Be Held Every Thursday At 3:30 P.M.
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The EZEE-DRY uses a unique, patented *overhead drying chamber* to dry up to 2,000 bph (5 pts. removal) or up to 1,000 bph (10 pts. removal). The evenly distributed, low temperature heat flow of the EZEE-DRY reduces energy use and heat stress. This lowers operating costs and reduces grain damage from cracking.

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The continuous-flow EZEE-DRY has proven over many years to be both efficient and practical. This unique overhead design:

1) recycles heat from the cooling grain to further reduce energy use
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The EZEE-DRY requires a lower initial investment, and lower operating costs than most commercial dryers. And when you add the 20,000 bushels of extra storage space, the EZEE-DRY is the economical, affordable way to dry grain while preserving grain quality.

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★ **See You At The Farm Show - Space #79** ★

Virginia Auction Summary

Dec. 30 - Jan. 15
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 4,154.

TREND: Steady to $2 higher.

Southwest, Va.
Auction Summary
Dec. 30 - Jan. 15

STEERS: 300-500 lbs. Medium 1 56.00-66.50; Large 1 58.00-64.00; Small 1 50.00-62.50. 500-700 lbs. Medium 1 54.00-62.50; Large 1 57.00-65.00; Small 1 50.00-56.00. 700-1000 lbs. Medium 1 51.00-61.50; Small 1 52.00-56.00.

HEIFERS: 300-500 lbs. Medium 1 43.50-54.75; Large 1 48.00-53.50; Small 1 41.00-51.50. 500-700 lbs. Medium 1 43.00-52.75; Large 1 47.00-52.50; Small 43.00-50.50. 700-900 lbs. Medium 1 40.00-50.00; Small 1 40.00-45.00.

Northern Va.
Auction Summary
Dec. 30 - Jan. 15

STEERS: 300-500 lbs. Medium 1 52.00-63.50; Large 1 55.00-63.25; Small 1 49.00-59.00. 500-700 lbs. Medium 1 53.00-63.00; Large 56.50-66.50; Small 1 45.00-57.50. 700-1000 lbs. Medium 1 52.00-64.50; Large 1 53.00-64.00.

HEIFERS: 300-500 lbs. Medium 1 44.00-55.00; Large 1 45.00-56.00; Small 1 42.00-52.00. 500-700 lbs. Medium 1 44.00-54.00; Large 1 46.00-52.50; Small 1 37.75-49.00. 700-900 lbs. Medium 1 42.00-50.00; Large 1 49.00-50.50.

Southeast Va.
Auction Summary
Dec. 30 - Jan. 15

STEERS: 300-500 lbs. Medium 1 48.00-60.00; Small 1 51.00-57.50. 700-1000 lbs. Medium 1 51.50-52.50.

HEIFERS: 300-500 lbs. Medium 1 44.00-53.00; Small 1 48.00-52.50. 500-700 lbs. Medium 1 39.00-49.50; Small 1 45.50-48.50.

Special Slaughter Cattle

Marshall, Va.
Tuesday, Jan. 4

271 head.

Steers: Choice 2-3 1100-1300 lbs. 57.25-59.30; Good 2-3 1000-1200 lbs. 55.00-57.30.

Holsteins, Good 1-2 1100-1500 lbs. 49.00.

Heifers, Choice 2-3, 950-1150 lbs. 54.50-56.00; Good 850-1100 lbs. 52.00-54.00.

Utility Cows, 43.00-45.00.

Special Feeder Pig

Marion, Va.
Wednesday, Jan. 5

FEEDER PIGS: Receipts. 412.

US 1 & 2: 40-50 lbs. 104.00; 51-60 lbs. 94.00; 61-70 lbs. 89.00; 71-100 lbs. 79.00; 100-130 lbs. 64.00.

US 3: 40-50 lbs. 96.00; 51-60 lbs. 89.00; 61.70 lbs. 84.00; 71-100 lbs. 69.00.

Utility & 4: 51-60 lbs. 70.00.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, Jan. 3
Report supplied by auction

Total No. of Head 523.

Holstein Hfr. Calves to 58.50; Veal Calves Medium to 78.00; Vealer Bull Calves 60.00-72.00; Slaughter Calves 45.00-57.00; Grassers & Feeders 34.00-46.00; Lambs, 38.00-52.00; Sheep 18.00-30.00; Hogs, 200-250 lbs. 52.00-56.00; Sows 42.00-48.00; Boars 38.00-42.50; Pigs 25.00-47.50; Heifers 36.50-40.00; Steers 36.00-42.50; Steers, feeder 34.00-50.00; Bulls 41.75-52.00; Cows, utility 38.75-42.00; Cows, fat 37.50-41.00; Cows, medium 34.00-36.50; Cows, poor or small 29.00-33.50; Cattle market real active; Calf market higher; Horses small to 215.00; Ponies none; Goats 31.00-47.00; Hay mixed 50.00 per ton; Straw none.

Clip Coupon And Register For FREE Prizes At 67th Annual Pa. Farm Show

See Ad Page C3

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SIMPLEX MULTITHERM
HOT WATER or STEAM BOILER
NOW YOU CAN FORGET ABOUT FUEL SHORTAGES WITH

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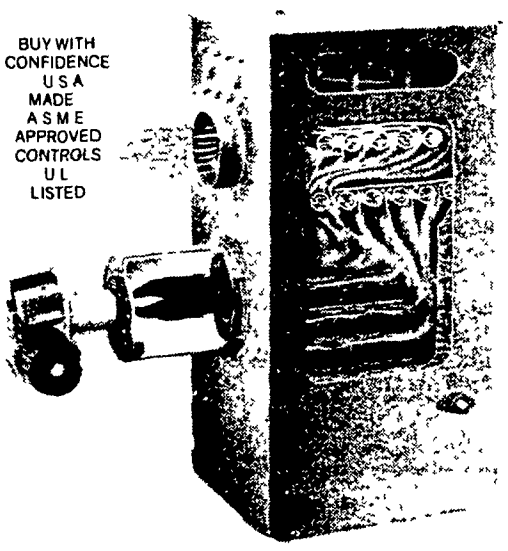

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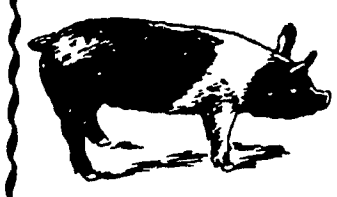

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ON THE FARM MONTHLY
BRED GILT SALE
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Off the Sounding Board

By Sheila Miller, Editor

Butterflies at Farm Show?

Nobody has to explain these butterflies we've been feeling for the past few weeks. No, they're not the result of pre-Christmas jitters or New Year's Eve excitement. What's been causing all the flutters can be summed up in two words — Farm Show.

Here at the paper, everyone has been pouring all of our energies into bringing you a super pre-Farm Show issue. Now that the big week has arrived, we'll be heading to Harrisburg to bring you all the news and happenings Pennsylvania's largest indoor agricultural show can provide. We hope to see you all there — and be sure to take a minute and stop by Lancaster Farming's booth in the Main Exhibition Building (Number 30) to say "hi."

Just as it take weeks to get a pre-Farm Show newspaper ready for the big farming event, farm families across the state have been preparing for months to bring their finest livestock, poultry, crops, Christmas trees, fruits, nuts, and home economics projects to the state's historic agricultural complex in Harrisburg. But it always seems that no matter when we begin getting ready for Farm Show, procrastination asserts itself and wins the upper hand.

For those who find that hard to believe, consider this. Who could have possibly been thinking about getting entry forms filled out for Farm Show when Halloween costumes and trick-or-treat prank possibilities preoccupied our minds?But, regardless of how involved we were in picking out the scariest face mask or carving the funniest jack-o-lantern, we had to drop everything and concentrate on "how many" and "which ones of what" we'd like to take to Farm Show.

Why then? Well, for most Farm Show exhibitors, all that sort of paperwork had to be completed and in the mail to Horace Mann's office (Farm Show director) by Nov. 4.

With that out of the way, there's nothing left to do until the big day arrives for the drive to Harrisburg, right? Wrong. But that doesn't mean we remember to get everything done.

So, with thoughts filled with Thanksgiving turkey and the number of shopping days left until Christmas, it's no wonder the fact that all the blood work and health charts on animals slipped out of our minds. Miraculously our memories returned in the nick of time so that our temporary Yuletide amnesia still permitted the necessary tests and paperwork to be completed. (With a sigh of relief, we opened the envelope containing the health charts that somehow were rushed through any red tape delays and arrived in the mail this week.)

With entries accepted and health charts complete, we remembered too late the vows of "I'm going to have those animals clipped and ready to go," made hastily during longer, warmer days. Now evenings find us freezing our fingers off in 20 degree weather, promising ourselves through shivering lips that once we've thawed our typing digits we'll send a letter to Secretary Hallowell asking for Farm Show to be rescheduled in July. Despite these frosty late night vigils in the barn, during which clippers go on strike, cattle kick, and tempers flare, many of us will still be frantically clipping away on our livestock entries just hours before the show ring call.

I have to confess, although some folks are more organized than I am about traveling to shows, I always seem to forget something — whether it's feed tubs, water buckets, combs, brushes, . . . whatever. Luckily, and probably quite by accident, I have yet to forget the show entries or my camera and notebook.

But, as the hours wind down to departure time for our trip to Harrisburg, I listen with strained attention to every radio news broadcast, hoping that the weatherman doesn't make my nerves stretch even tighter by coating the highways with snow or ice.

First-hand experience has given me a better insight into what each Farm Show exhibitor goes through to bring the thousands of Farm Show visitors a better-than-ever show each year. From paperwork to packing the show box to pulling a reluctant calf into a crowded, noisy show ring, the Farm Show initiation has opened up another side of this awesome event for me.

Quite conveniently, I can't remember exactly how our cattle placed after our debut on the Farm Show tanbark three years ago. But I vividly remember straining my eyes in order to see the other end of the lineup and who had received the blue ribbon in the class.

Now, some folks might be discouraged by that kind of "success" at Farm Show — but it sure lets you know how your breeding program compares to others in the state, and whether a change is needed. The message came through loud and clear that year.

So, three years and a change of bloodlines later, we're coming back to Farm Show. No matter where our calves stand in their class, the week-long effort will be a worthwhile experience for us, just as it has been for farmers across the state for more than six decades. We'll be joining the rest of the Keystone farmers in measuring our agricultural performance by the state's oldest, biggest and best yardstick — the 67th Pennsylvania Farm Show.

Something for everyone

Letters To The Editor

I would like to compliment the Lancaster Farming staff on the fine job you do on the paper.

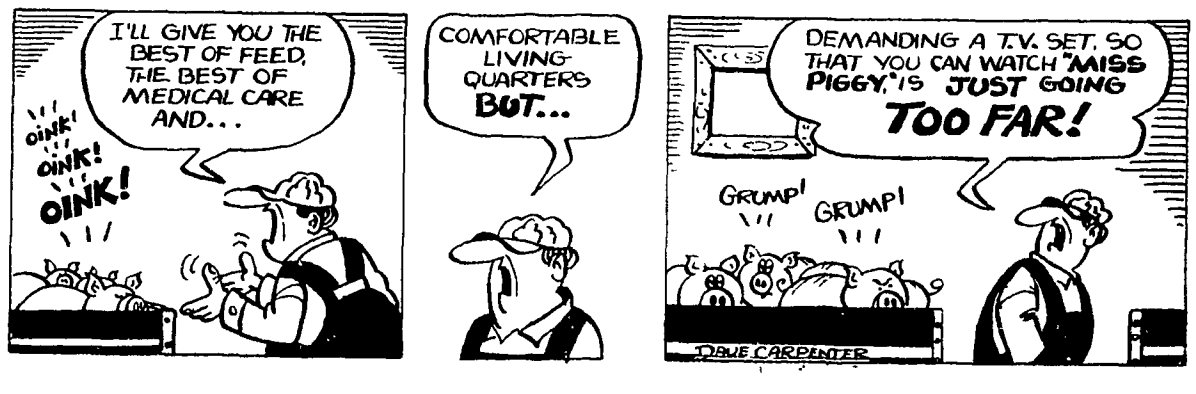
Your articles are timely and accurate, not to mention that there is something of interest for the reader of any age from kids to great-grandpap.

Joyce Bupp's articles always "hit home." The recipe page is always useful and "Off the Sounding Board" is informative and thought-provoking.

So here is a pat-on-the-back for each of you, to start the new year.

A Faithful Reader,
New Enterprise, Pa.

OTIS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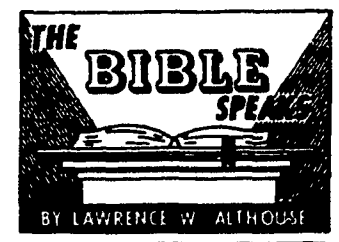

GETTING "PERSONAL"
January 9, 1983

Background Scripture:
Luke 7:11-23; 10:25-37.
Devotional Reading:
Luke 6:6-11.

Lots of people I know like to talk about religion. They love to discuss and argue the fine points of religious ideas. In fact, for some people, the essence of religion seems to be doing battle with "wrong" religious thinking, combating "unsound" religious concepts, and debating differing theological formulations.

Those same people, I've often observed, are considerably less enthusiastic when those abstract religious ideas are personalized. For example, it is one thing to discuss the nature of God and quite something else to begin to spell out what demands our belief in God makes upon the way we live our lives.

TESTING JESUS

This was true in the encounter between Jesus and the lawyer who asked him, "Teacher, what shall I do to inherit enternal life?" It was a perfectly good question to provoke a religious discussion. People often discussed the meaning and nature of "eternal life."

But, of course, Luke tells us that the lawyer's interest was not really in eternal life, but in putting Jesus "to the test." The lawyer wanted to see how Jesus would answer this question Perhaps he would say something that could be held against him. Or maybe he would be embarrassed not by having a worthy answer.

At any rate, the lawyer probably figured he could hardly lose, for, if Jesus gave the traditional answer the lawyer would be able to get some points with his perfect obedience to the pharisaic life under the law. And, at first, that's what appeared to be happening. Jesus asked him, "What is written in the law?" and this gave the lawyer a perfect opportunity to parade his own moral rectitude.

MY NEIGHBOR?

Flushed with success, the lawyer went one step too far. Not content with his victory, he pressed Jesus on still another debatable point: "And who is my neighbor?" The lawyer should have quit while he was ahead, for at this point Jesus got "personal" in a way the lawyer would have preferred to avoid. Instead of discussing the question in theological or philosophical terms, Jesus told a parable that made the answer so clear to everyone as to place their behavior under judgement — especially that of the lawyer.

The lawyer began the conversation on a wave of religious pride, but when Jesus personalized, it, the proud lawyer was humbled by the Master's answer. To inherit eternal life would make some requirements on the lawyer that he was not prepared to make.

So long as the preacher inveighs against sin in a general way, we may be led to express enthusiasm for his preaching. But if he should move from generalizations to specifics that touch our lives, we may be led to conclude that he has moved from preaching to meddling. In that sense. Jesus was more a meddler than a preacher, for the essence of the gospel, as he saw it, is in "getting personal."

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851

To Attend Farm Show Events

Time has a way of creeping up on us, and here it is — this week is Farm Show week. The Farm Show will open again this year on Sunday, Jan. 9, and close on Friday, Jan. 14. The theme for this year's exhibition is 'Pennsylvania Agriculture - We're Growing Better.' Well, our agriculture is growing better because of the hard work of our family-operated farms. And here is an opportunity for our farmers to show the consuming public, the high quality product that's produced on or farms today.

Active farmers should recognize the many educational meetings and banquets that are held during the week. Many of these are statewide organizations and should have economic benefits to the producer.

To Evaluate Computers

Farm people have always looked at new ways to do a better job in producing food and fiber and now, as we enter the computer age, farmers are taking a good look at the potential of computer to assist in the decision-making process. We urge farmers to become aware of the many and varied ways a computer can be used.

In an effort to assist farmers in sorting out and evaluating this information, the Extension Service in south central Pennsylvania will hold a Farm Computerization Symposium and Trade Show. On Feb. 1, the event will be held at the Lancaster Farm and Home Center, and on Feb. 2, it will be held at the Embers Restaurant, Carlisle. We encourage preregistration — obtain a copy of the program and registration form from any Extension office in south central Pennsylvania. The symposium starts at 9 a.m. both days. Two half-day programs will be presented each day with identical programs in the morning and afternoon. A trade show with various types of computers will run concurrent with the symposium.

To Be A Better Manager

As we look ahead to 1983, it is difficult to realize just what major problems will confront the average farmer. However, it is evident that profits will be more difficult to realize and some very good management will be needed to come out in the black. Today's farmer must be a better businessman than his forefathers. He must be able to handle labor, money, equipment and keep up to date on all regulations and cultural practices. He must be able to plan ahead and to be organized with all his responsibilities. He shold practice good public relations with his neighbors and respect the rights of others. Good management is just as important in farming as it is in any other industry or business. Work at it and it will pay dividends.

To Segregate Animals

One of the major practices in preventing livestock diseases is to segregate new animals when brought to the farm. This is true with all species of livestock. Too many diseases and infections are

(Turn to Page A12)

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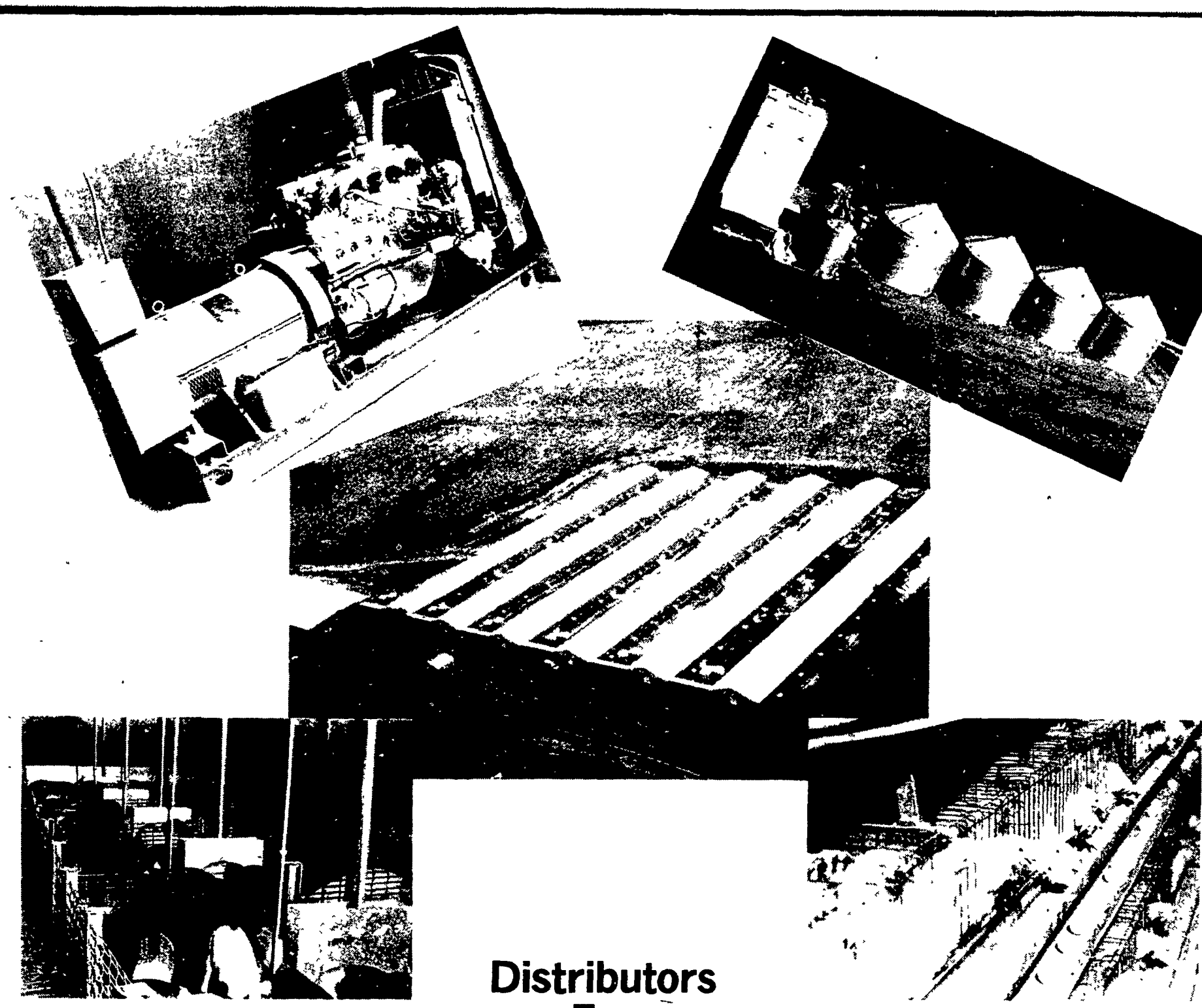

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Farm Calendar

Saturday, Jan. 8

Pa. Farm Show Banquet, 6 p.m., Penn Harris Motor Inn, Camp Hill.

Sunday, Jan. 9

Gov. Thornburgh officially opens Pa. Farm Show, continues through Friday.

American Farm Bureau Federation annual meeting, Dallas, Tex. Hilton Hotel, continued through Thursday.

Monday, Jan. 10

Cumberland Co. 4-H Horse & Pony Drill Team at Farm Show.

Franklin Conservation District meeting, 9 a.m., County Administration Bldg., Chambersburg.

Poultry Servicemen's Seminar, 6:30 p.m., Holiday Inn North, Rt. 501, Lancaster.

Tuesday, Jan. 11

Pa. Dairymen's Assn. annual meeting and banquet, Penn Harris Motor Inn, 6 p.m., Camp Hill.

Farm Income Tax Meeting, 9:30 a.m.-3 p.m., Holiday Inn, Meadville.

Master Farmer Awards Luncheon, 12:30 p.m., Penn Harris Motor Inn.

Pa. Ayrshire meeting, 2 p.m., Room C, Farm Show Complex.

Wednesday, Jan. 12

Del. Livestock Meeting, Georgetown Substation.

Farm Income Tax Meeting, 9:30 a.m.-3 p.m., Garden Gate Restaurant, Butler.

Central Jersey Seed, Feed, Fertilizer, Pesticide Dealers Meeting with Extension, 6:30 p.m., Pfenninger's Hilltop Inn.

Thursday, Jan. 13

Del. Vegetable Growers meeting, continues tomorrow, Sheraton Inn, Dover, 8:30 a.m.-4 p.m.

Upper Eastern Shore Agronomy Day, Washington College, Chestertown, Md., 8:30 a.m.

Farm Income Tax Meeting, 9:30 a.m.-3 p.m., Rustic Lodge, Indiana.

66th Pa. Potato Industry Banquet, Sheraton Inn East, Union Deposit Mall, Harrisburg, 5:30 p.m.

Friday, Jan. 14

Farm Income Tax Meeting, 9:30 a.m.-3 p.m., Holiday Inn, Dubois.

PEMA meeting, 6:30 p.m., Sheraton Conestoga Motor Inn, Oregon Pike, Lancaster.

Now is the Time

(Continued from Page A10)

purchased in animals and brought to the home herd or flock.

Also, animals that are exhibited at shows should be segregated from the rest of the herd, or all other animals treated for the infections.

In this area, some swine producers may purchase bred gilts at next week's State Farm Show. Even though these gilts come from disease-free herds, they should be segregated for at least 30 days before coming in contact with local animals. Segregation and sanitation are both very important in good herd and flock management.

Livestock market and auction news

G&M Livestock

Monday, Jan. 3
Duncansville, Pa.
Report supplied by auction

Compared to last week: Large run. Market report: Cows, weak; Steers, steady; Hogs, lower.

STEERS: High Choice and Prime 57.00-60.00; Good to Choice 54.00-57.00; Standard to Good 50.00-54.00; Utility 46.00-50.00.

HEIFERS: High Choice and Prime 52.00-56.00; Good to Choice 46.00-50.00; Standard 46.00-50.00; Utility 42.00-46.00.

FEEDER STEERS: Good to Choice 300-700 lbs. 50.00-59.00. Feeder Heifers 40.00-50.00.

BULLS: 1200-1712 lbs. 48.00-55.00; 900-1100 lbs. 45.00-53.00.

COWS: High Choice to Prime 42.00-44.00; Good 40.00-42.00; Utility 36.00-40.00; Cutters 32.00-36.00; Canners Down to 30.00.

CALVES: High Choice 85.00-94.00; Good to Choice 70.00-85.00; Standard to Good 50.00-70.00; Utility down to 35.00.

FARM CALVES: Hol. Bulls 90-120 lbs. 65.00-79.00; Hol. Heifers 90-120 lbs. 55.00-70.00.

FEEDER PIGS: 25-35 lbs. 25.00-35.00; 35-50 lbs. 35.00-54.00.

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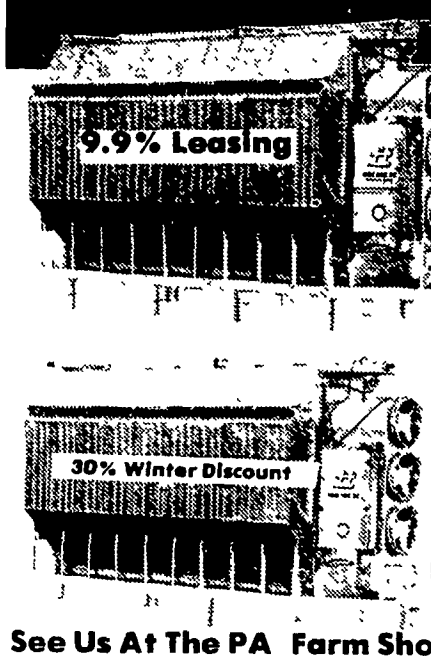
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Migro M-0707	7	171.6
Migro SPX-77	10	176.7
Migro HP-87	6	170.0
Migro HP-771	8	174.4

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Livestock market and auction news

Belleville Auction

Belleville, Pa.
Wednesday, Jan. 5
Report supplied by PDA

CATTLE 141. Compared with last Wednesday's market; few Good slaughter steers 54.10-56.75. Utility & Commercial slaughter cows 36.00-39.35, couple 41.25, Cutters 35.25-37.50, Canner & Low Cutter 31.60-35.25, Shells down to 15.00. Few Yield Grade #1 1175-2050 lbs. slaughter bulls 45.10-48.60. Few Medium Frame #1 415-490 feeder steers 53.50-59.00.

CALVES 158. Few Choice vealers 82.00-90.00, few Standard & Good 105-120 lbs. 55.00-60.00, 70-100 lbs. 43.50-53.00, Utility 50-80 lbs. 29.00-41.00. Farm calves, holstein bulls 90-130 lbs. 50.00-82.00, mostly 65.00-80.00.

HOGS 105. US No. 1-2 215-235 lbs. barrows & gilts 57.60-58.85, couple to 59.75, No. 1-3 205-215 lbs. 56.00-57.75. US No. 1-3 180-440 lbs. sows 47.25-50.50. Boars 37.00-47.50.

FEEDER PIGS 302. US No. 1-3 20-35 lbs. feeder pigs 35.00-48.50 per head, No. 1-3 40-60 lbs. 50.00-68.00 per head.

SHEEP 18. Few Choice 70-115 lbs. wooled slaughter lambs 48.00-53.00, one at 80.00, few Good 80-115 lbs. 41.00-51.50. Few Slaughter ewes 15.00-27.00.

GOATS 10. Few large goats 26.00-59.00 per head. Holstein dairy cows $600-$1150, couple to $1800 per head.

Leesport Auction

Leesport, Pa.
Wednesday, Jan. 5
Report supplied by PDA

CATTLE 292. Compared with last Wednesday's market, slaughter cows $1 lower. Few High Choice & Prime 1110-1450 lbs. slaughter steers 59.50-61.10, Choice 960-1375 lbs. 58.00-61.25, few Good 54.00-58.75, few Standard 48.00-55.00, few Utility & Low Standard 43.25-46.00. Choice 850-1200 lbs. slaughter heifers 54.25-57.35, few 60.25, few Good 51.25-53.50. Utility & Commercial slaughter cows 38.75-41.60, few to 42.25, one at 43.75, Cutters 35.00-40.25, Canner & Low Cutter 33.00-36.85, Shells down to 30.00. Few Good & Choice slaughter bullocks 54.50-58.25, one at 60.00, few Standard 50.75-54.85. Yield Grade #1 1250-2150 lbs. slaughter bulls 52.00-56.00, few to 58.85; few yield grade #2 1050-1250 lbs. 47.25-50.00. Few Medium Frame #1 400-930 lbs. feeder steers 51.00-56.00, few Small Frame #1 325-425 lbs. 56.00-58.00, few Large Frame #2 460-935 lbs. 45.00-48.00; Medium Frame #1 370-525 lbs. feeder heifers 41.50-48.00; few Medium & Small Frame #1 375-395 lbs. feeder bulls 54.00-55.50, Large Frame #2 300-760 lbs. 39.00-44.50.

CALVES 174. Few Choice vealers 78.00-90.00, Good 65.00-80.00, Standard & Good 110-135 lbs. 54.00-66.00, 90-110 lbs. 50.00-53.00, 75-85 lbs. 48.00-51.00, Utility 60-95 lbs. 30.00-48.00. Farm calves, holstein bulls 90-125 lbs. 53.00-78.00, mostly 58.00-72.00; holstein heifer 95-135 lbs. 60.00-70.00; Slaughter calves, (few) grading Good & Choice 280-365 lbs. 55.00-61.00.

HOGS 224. Barrows & gilts $1 higher. US No. 1-2 200-230 lbs. barrows & gilts 57.50-58.00, few to 59.00, No. 1-3 200-255 lbs. 56.50-58.00, few No. 2-3 275-330 lbs. 55.00-56.75. US No. 1-3 300-575 lbs. sows 46.50-51.50, few No. 2-3 425-535 lbs. 46.00-46.50, few Medium 335-425 lbs. 35.00-46.00. Few Boars 43.00-45.00, few light weights 49.00-50.00.

FEEDER PIGS 296. US No. 1-3 15-25 lbs. feeder pigs 129.00-137.00 cwt., No. 1-3 30-50 lbs. 110.00-126.00, No. 1-3 50-75 lbs. 86.00-97.00, few Utility 30 lbs. 75.00-92.50 cwt.

SHEEP 33. Few Good & Choice 45-65 lbs. wooled slaughter lambs 75.00-77.00, one 30 lbs. at 105.00, 65-80 lbs. 60.00-68.00, few 100-105 lbs. 52.00-58.00. Few Slaughter sheep 12.00-27.00.

GOATS 10. Couple Large goats 41.00, few kids 21-23.

Indiana Livestock Auction

Homer City, PA
Thursday, Jan. 6
Report supplied by PDA

CATTLE: 176 Sl. steers Good to low Choice 51.25-56.25; Standard 45.00-51.00. Sl. heifers: few Choice 52.25-55.25; few Good 47.00-52.75; few Standard 43.50-46.00. Sl. cows: Utility and Commercial 38.00-43.25, one at 45.50; Cutters 36.00-39.00; Canner & L. Cutter 31.00-36.00; Shells down to 22.50. Sl. bulls: few Yield Grade No. 1, 1130-1580 lbs. 45.00-48.75.

FEEDER CATTLE: Steers, Medium & Large Frame No. 1, 300-550 lbs. 51.25-55.75; Medium & Large Frame No. 1, 570-820 lbs. 45.00-53.25; few Medium & Large Frame No.2 , 560-815 lbs. 37.25-42.75. Heifers, Medium & Large Frame No. 1, 305-510 lbs. 43.00-49.75; Medium & Large Frame No. 1, 560-780 lbs. 40.00-46.50; Medium & Large Frame No. 2 450-860 lbs. 35.00-42.25. Bulls, few Medium & Large Frame No. 1, 560-720 lbs. 44.00-51.00.

CALVES: 147. One Prime 104.00; Choice 80.00-95.00; Good 57.50-80.00; 90-120 lbs. 50.00-63.00; 60-85 lbs. 45.00-53.50; Utility 35-70 lbs. 30.50-45.00.

FARM CALVES: Hol. Bulls 90-130 lbs. 56.00-74.00.

HOGS: 62. One lot US No. 1-2 230 lbs. at 58.00, No. 1-3 200-255 lbs. 57.25-58.00; one lot No. 2-3 200 lbs. at 56.25; Sows US No. 1-3 280-510 lbs. 45.50-51.00; one No. 2-3 450 lbs. at 40.75.

FEEDER PIGS: 47. US No. 1-3 15-30 lbs. 21.00-37.00 pe rhead; No. 1-3 35-50 lbs. 40.00-53.00 per head.

SHEEP: 20. Few Choice 70-100 lbs. 53.00-64.00; few Good 50-70 lbs. 41.50-53.00. Few Sl. ewes: 11.25-22.00.

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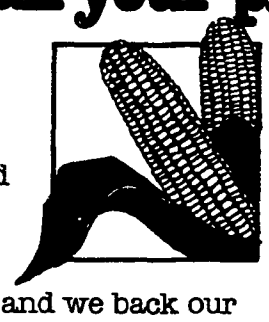

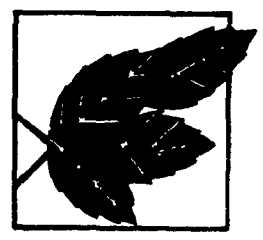

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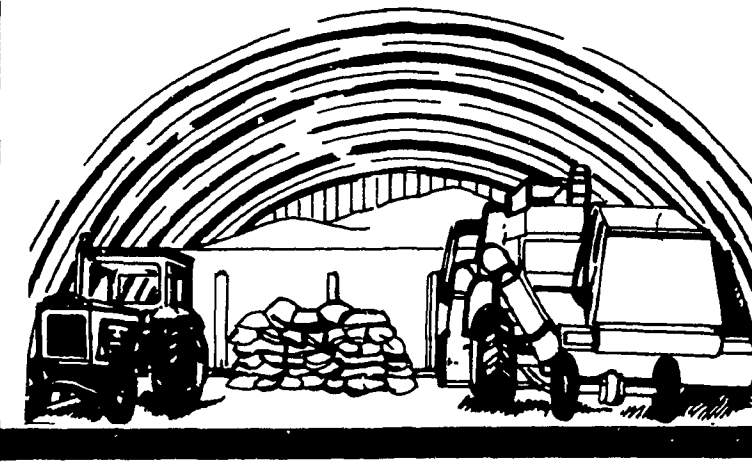

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Livestock market and auction news

Pa. Auction Summary

Friday, Jan. 7
Report supplied by PDA

CATTLE: 5699. Compared with 4012 head last week, and 5783 head a year ago. Compared with last week's market: Slaughter steers .50-1.00 lower, spots 2.00 lower; Sl. heifers .50-1.00 lower; Sl. cows mostly steady to 1.00 lower; Sl. bullocks & bulls uneven. Sl. steers: High Choice & Prime No. 3-4, 61.50-62.50, few 63.60; Choice No. 2-4, 56.50-61.85; Good 53.00-57.00; Standard 47.00-53.50. Sl. heifers: Choice 54.50-59.00, few to 61.25; Good 50.00-55.00; Standard 43.00-50.00. Sl. cows: Utility & Commercial 37.25-42.75, few to 44.00; Cutters 35.00-39.50; Canner & L. Cutter 30.00-37.00; Shells down to 25.00. Sl. bullocks: Choice 56.25-59.85; Good 52.50-56.50; (few) Standard 48.00-53.00. Sl. bulls: Yield Grade No. 1, 1000-2400 lbs. 47.00-56.00; Yield Grade No. 2, 900-1500 lbs. 40.00-50.00.

FEEDER CATTLE: Steers, Medium Frame No. 1, 300-750 lbs. 44.00-56.00, few to 60.00; (few) Large Frame No. 2, 450-950 lbs. 40.00-48.00. Heifers, Medium Frame No. 1, 300-700 lbs. 38.00-50.00.

CALVES: 4206. Compared with 2512 head last week and 4628 head a year ago. Vealers grading Good & Choice 2.00-5.00 lower, Standard & Good 2.00-5.00 higher; (few) Prime 110.00-118.00; Choice 80.00-105.00; Good 66.00-86.00, 110-130 lbs. 55.00-70.00; 90-110 lbs. 46.00-55.00; 65-85 lbs. 37.00-50.00; Utility 50-100 lbs. 30.00-45.00.

FARM CALVES: Hol. Bulls 80-130 lbs. 50.00-95.00, mostly 53.00-80.00; Hol. Heifers 85-140 lbs. 42.00-85.00, mostly 53.00-70.00.

HOGS: 5272. Compared with 5759 head last week and 6513 head a year ago. Barrows and gilts steady to 2.00 lower. US no. 1-2 200-245 lbs. 56.00-58.00, few to 59.00; No. 1-3 200-250 lbs. 55.00-57.00; No. 2-3 200-280 lbs. 53.00-55.00. No. 1-3 140-190 lbs. 51.00-55.00; Sows .50-1.00 higher. US No. 1-3 300-585 lbs. 46.50-51.50, few to 56.75; No. 2-3 300-650 lbs. 43.00-48.00. Boars 40.00-46.50.

FEEDER PIGS 1281. Compared with 908 head last week and 1109 a year ago. Feeder pigs steady to 8.00 higher. US No. 1-3 20-35 lbs. 25.00-49.00 per head; No. 1-3 35-50 lbs. 46.00-51.00; No. 1-3 50-85 lbs. 50.00-65.00.

SHEEP: 469. Compared with 427 head last week and 483 head a year ago. 2.00-4.00 lower. Choice 70-120 lbs. 48.00-57.00, few to 68.00; Good 45-100 lbs. 40.00-51.00. Sl. ewes: 12.00-27.00.

GRADED FEEDER PIGS: 3 sales. 2125. Compared with 2133 head last week, and 2492 head a year ago. All sales by CWT. Feeder Pigs uneven, mostly steady to 10.00 lower. US No. 1-2 25-40 lbs. 124.00-140.00, 40-50 lbs. 100.00-129.00, 50-60 lbs. 96.00-124.00, 60-70 lbs. 92.00-114.00; US No. 2-3 20-40 lbs. 98.00-126.00, 40-50 lbs. 91.00-120.00.

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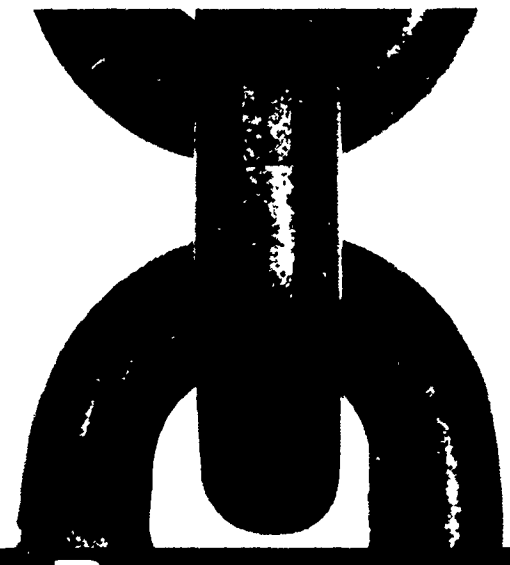

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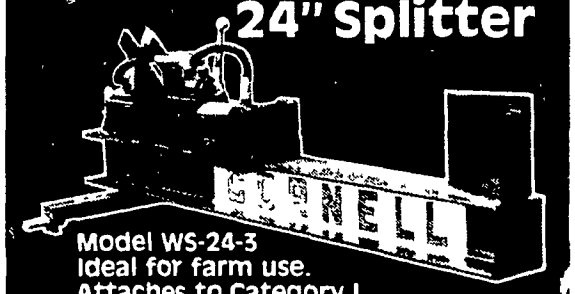

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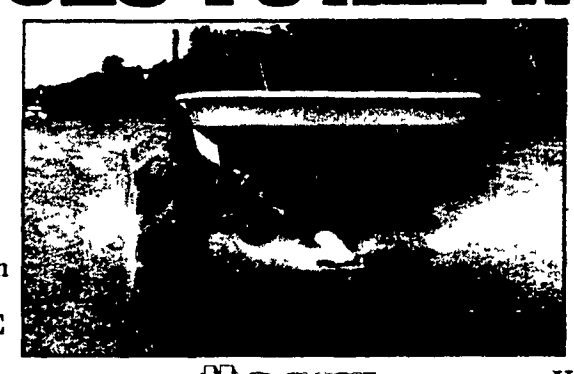

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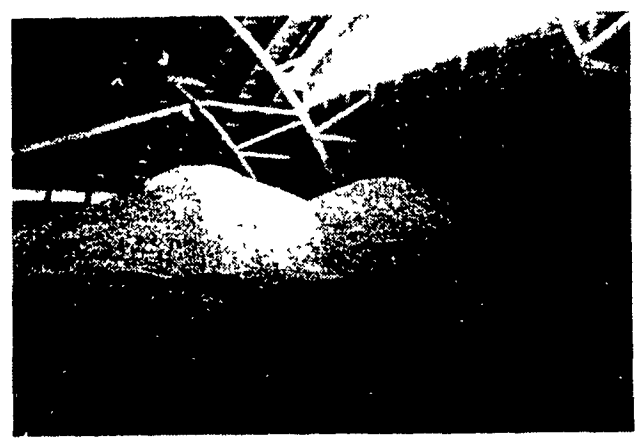

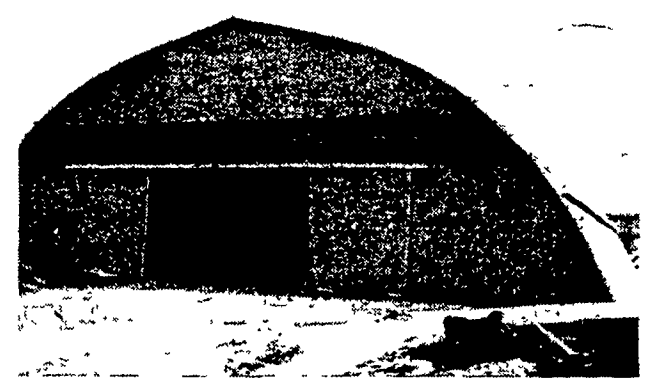

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10-20-20	$153.00
8-32-16	$173.00
0-14-42	$150.00
0-26-26	$160.00
46-0-0 Urea	$160.00 off barge
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Tobacco exhibit brings 'yesteryear' to Farm Show

BY SALLY BAIR
Staff Correspondent

LANDIS VALLEY — In Lancaster County, tobacco is king of the cash crops and this year the Pennsylvania Farm Museum of Landis Valley will be taking an educational exhibit to the Farm Show telling the history of this lucrative crop.

Each year the Farm Museum staff prepares an exhibit based on themes in rural life. Nadine Steinmetz, a curator for the Museum, says she chose tobacco for this year's display because of easy access to material and early tools used in its production.

She says, "Tobacco became a cash crop here in the mid-nineteenth century when the wheat belt moved west. The fact that tobacco became a cash crop just sort of happened. The soil is very rich for it and it is the best climate. Tobacco took over."

"Technological advances lagged far behind other crops where time and labor-saving implements were introduced. "People did try to patent new machinery, but a lot of it was not effective," Steinmetz says. Tobacco remains one of the most labor intensive crops today.

"Tobacco began as a family activity. It does require the most manual labor, with each plant handled individually several times," Steinmetz points out.

Tobacco needs only a 60-75 day growing period from transplanting to harvest, but because of the work of preparing seedbeds, and the final work of stripping and baling the finished product, it is sometimes referred to as a 13-month crop.

German sectarians raised a lot of tobacco, and it is still a lucrative crop for the Amish. "They have the

(Turn to Page A17)

A table was used in the making of cigars, and this one is well worn from long hours of work. Nadine Steinmetz, curator for the Museum, has assembled many of the tools used in tobacco harvest and the manufacture of cigars. Cigar making was carried out in many homes and factories in the county.

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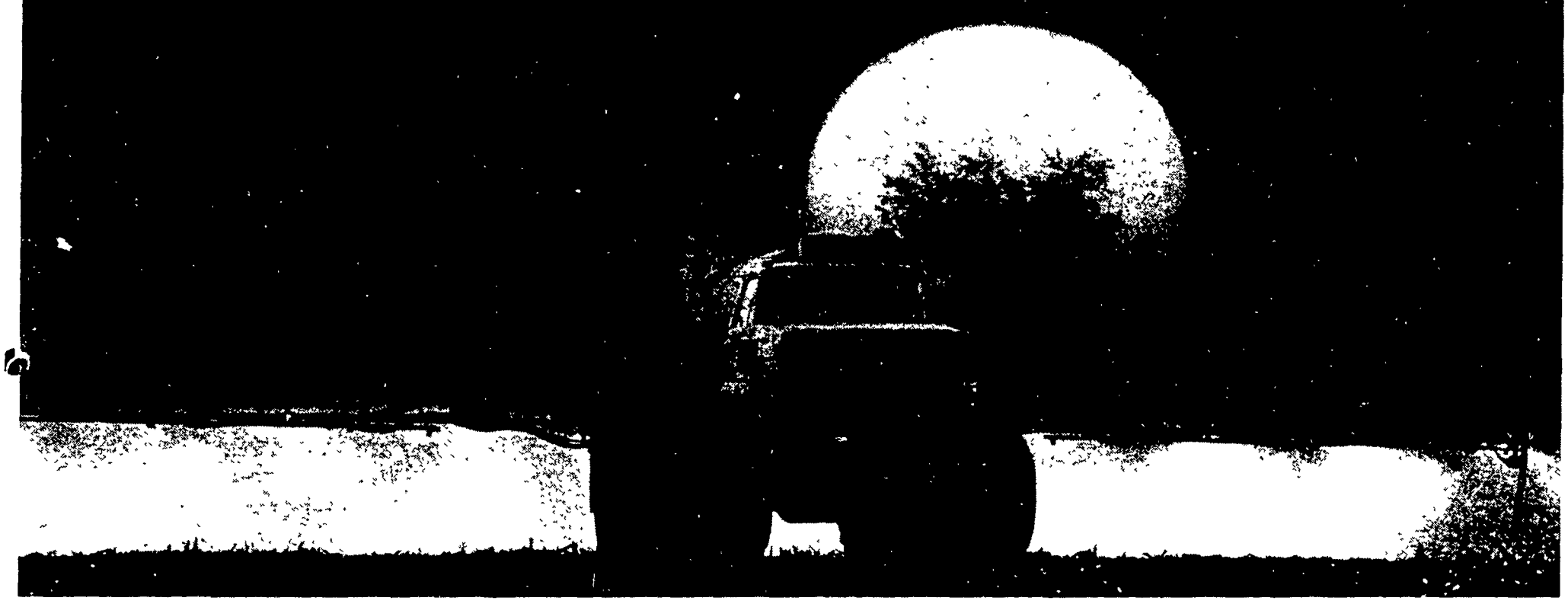

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Lebanon Valley

Fredericksburg, Pa.
Tuesday, Jan. 4
Report supplied by PDA

CATTLE 195. Compared with last Tuesday's market; one Choice slaughter steer at 59.00, few Good 55.85-58.85, few Good & Choice holsteins 53.75-56.25, few Standard 47.75-54.25. Few Choice slaughter heifers 55.85-60.10, Good 51.10-56.10, few Standard 43.25-50.10. Utility & Commercial slaughter cows 39.00-41.25, few to 45.85, Cutters 36.85-39.10, few to 40.50, Canner & Low Cutter 32.85-36.85, few Shells down to 24.50. Few Good slaughter bullocks 53.50-56.00. Few Yield Grade #1 1325-2005 lbs. slaughter bulls 52.35-54.25; one yield grade #2 1585 lbs. at 51.75.

CALVES 220. Choice vealers 75.00-90.00, few Good 58.00-61.00, Standard & Good 90-120 lbs. 50.00-55.00, 65-85 lbs. 47.00-53.00, few Utility 55-95 lbs. 40.00-47.00. Farm calves, holstein bulls 80-125 lbs. 53.00-69.00, mostly 72.00-87.00; few holstein heifers 80-115 lbs. 45.00-58.00.

HOGS 120. US No. 1-2 205-235 lbs. barrows & gilts 56.00-56.50, No. 1-3 200-260 lbs. 54.75-56.00, few No. 1-3 190-210 lbs. 52.00-52.50. US No. 1-3 290-635 lbs. sows 45.00-50.00, one at 51.25. Boars 44.25-46.00.

FEEDER PIGS 10. Lot US No. 1-3 25 lbs. feeder pigs 100.00 cwt., few No. 1-3 40-70 lbs. 48.00-66.00 cwt.

SHEEP 0. No sales on offer.

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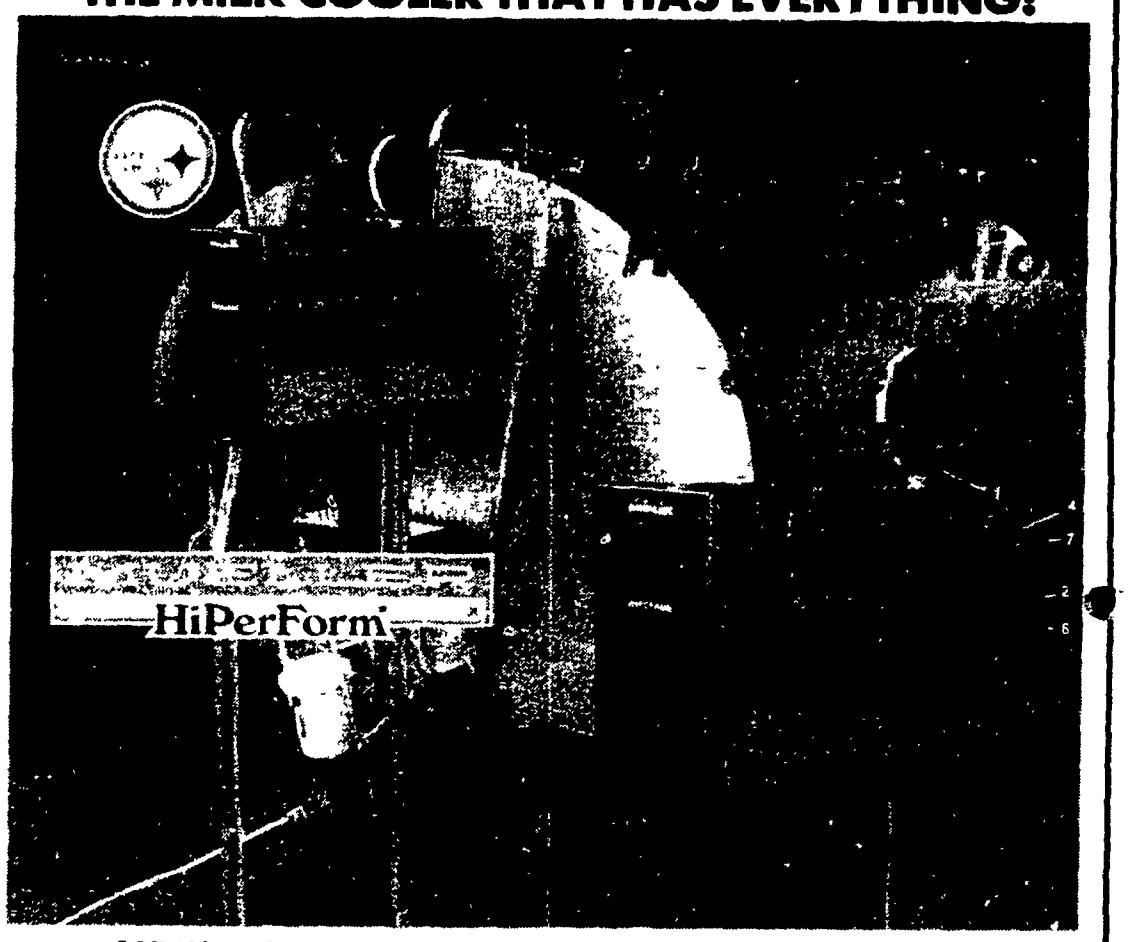

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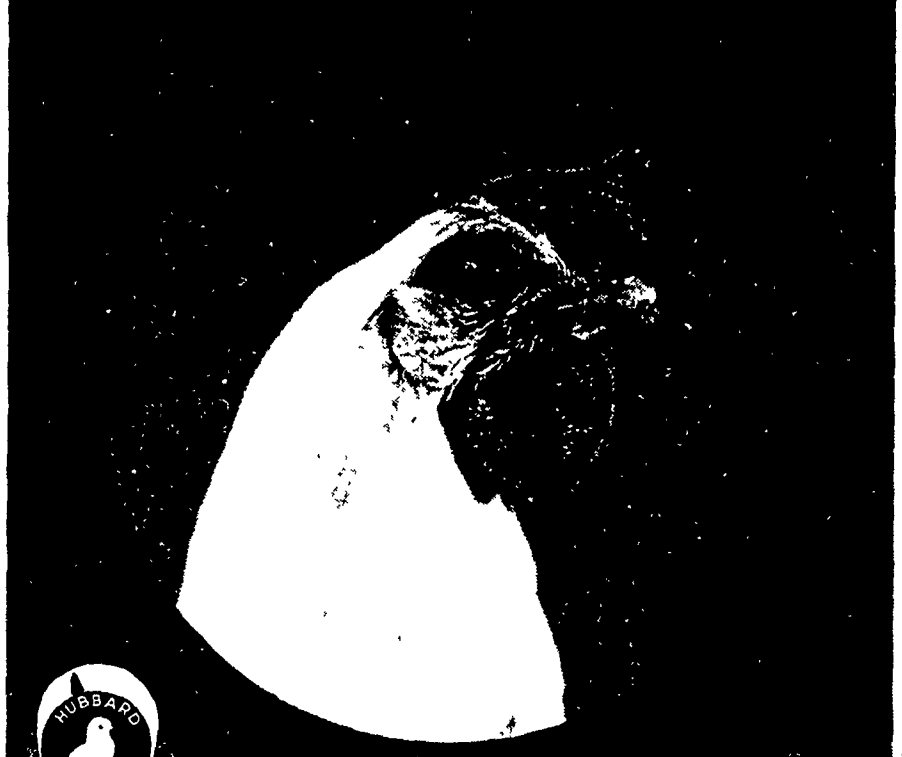

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Tobacco exhibit

(Continued from Page A15)

manpower and employ traditional technology."

Of course, she points out, "It is a very feast to famine crop." But because of the money involved, it is a popular crop today.

The display will feature old equipment, including a hand-drawn cultivator, an iron spike tooth harrow, a lath puller, a leaf pressing device, a cigar making table, a cigar making knife and a cigar mold, along with the traditional spears and shears.

There will be pictures depicting raising the crop from the seedbed to the cigar factory.

"I determined that I wanted to acquaint people with the social aspects of agriculture," Steinmetz says. "Since Thanksgiving, I saw what we had and what we didn't have. While we don't have everything, I thought we had enough of a representative selection of tools." She said the hardest part of assembling the display was visualizing how to put it in the available space. She will include some actual tobacco for those who have never seen it as it is harvested.

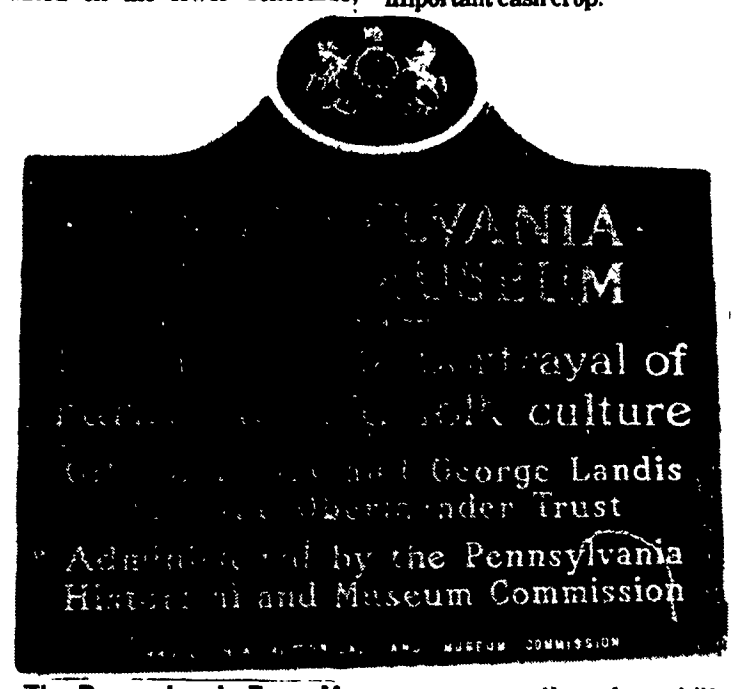
Visitors to the Farm Museum display traditionally include "a lot of old timers." "By and large older farmers stop more frequently. They like to chat about the tools they used in their own harvesting days."

There will probably be a lot of Lancaster Countians stopping by the display to reminisce, but Steinmetz hopes it will be educational for those from other parts of the state where tobacco farming is not well known.

The staff at the Farm Show will be well versed on the history of the crop and will be happy to answer questions of visitors.

Steinmetz says, "This is one of the few opportunities we have to take exhibits out of the area, and take ourselves to the public. We are the only display that does anything historically, so our exhibit stands out among the rest."

The Farm Museum exhibit is located on the lower concourse, outside the large arena, and will provide a change of pace to visitors. Stop by and learn more about Lancaster County's most important cash crop.



The Pennsylvania Farm Museum, a recreation of rural life, offers an historical exhibit at the Farm Show every year. This year, their interests will be centered around the cash crop tobacco.

Ayrshire breeders plan mid-winter meeting

LITITZ — The Pennsylvania Ayrshire Association urges all members and anyone who enjoys the red Scottish dairy cattle, to attend the Association's mid-winter meeting on Tuesday, Jan. 11 at 2 p.m. in Room C at the Farm Show Complex in Harrisburg.

The meeting will feature reports from sales, youth and young sires committees. In addition the program will include recommendations for judges at the 1983 Pa. All American Dairy Show. Field Day and youth activities will be discussed as well as plans for hosting the national meeting in 1986.

For more information about the Pennsylvania Ayrshire Association, contact Milton Brubaker, secretary at 595 Snyder Hill Rd., Lititz, Pa. 17543.

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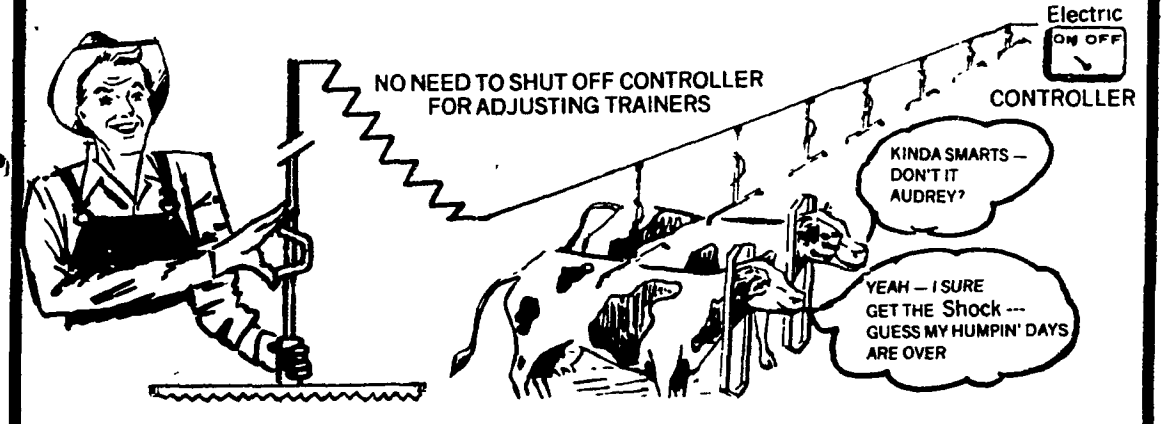
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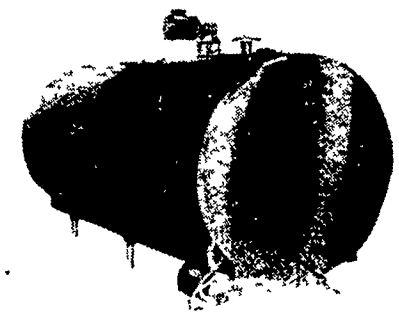

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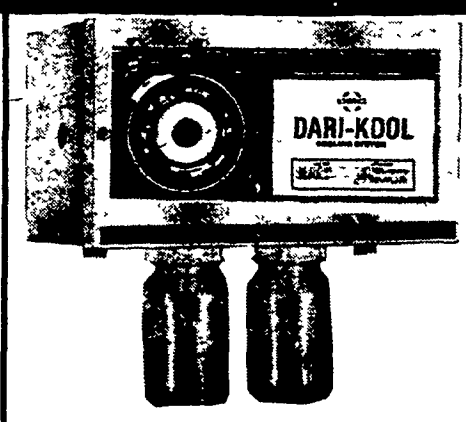

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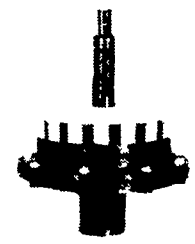

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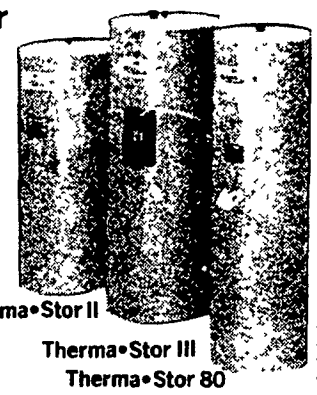

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Farmland Preservation Act

(Continued from Page A1)

basis of arb ry regulations issued by Wasl ton bureaucrats. This bill repre: s the direction in which we sho be going on the national level aid and augment the progress that is already being made on the local level. It provides incentives for farmland preservation without jeopardizing the authority of local governments, or tampering with the property rights of individual Americans," the fourth term Republican stated.

PJCC meeting to feature activities

HARRISBURG — The Pennsylvania Jersey Cattle Club will kick-off plans for spring activities with a breed meeting, Tuesday, Jan. 11 in room D at the Farm Show Complex in Harrisburg.

The annual meeting is scheduled for March 18-19 at the Chambersburg Holiday Inn. The annual calf sale will be held on Saturday morning, Mar. 19. The PJCC Bred Heifer Sale is slated for Saturday, April 23 at the Mercer County Fairgrounds, Mercer.

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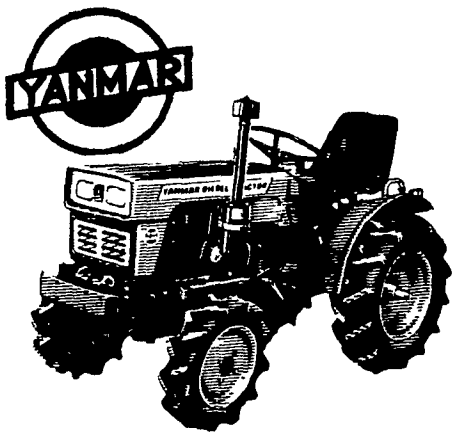

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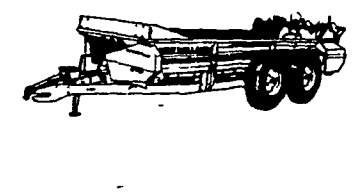

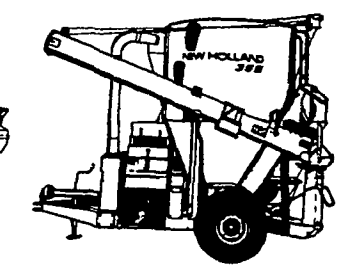

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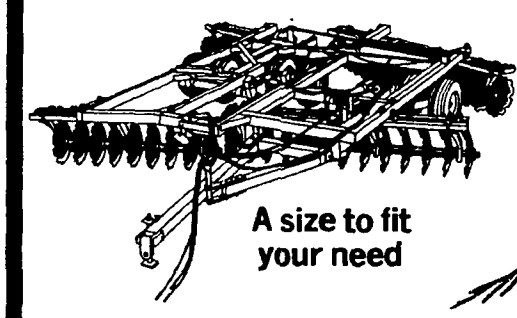

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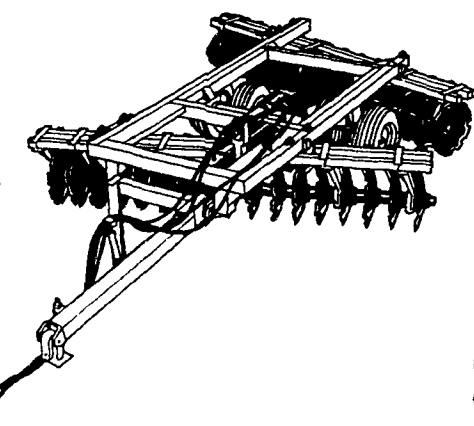

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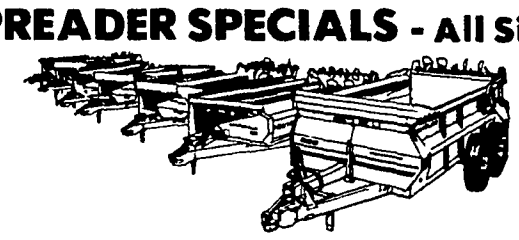

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Farm Show judge is York dairy farmer

BY JOYCE BUPP
Staff Correspondent

DELTA — When Ayrshire and Brown Swiss exhibitors circle the large arena on Tuesday, they'll give their undivided attention to a judge with his dairy science doctoratal degree and several years of college teaching and judging experience.

But when the last group class is placed, Jim McCaffree will exit the show ring to return to his southern York County farm, in plenty of time to handle the 9 p.m., third-time-per-day milking of his high-producing registered Holstein herd.

McCaffree, former dairy professor and judging team coach at Delaware Valley College, is now fulfilling a dream that first took root as a youngster growing up in Seattle, Washington. He's a dairy farmer.

A love of dairy cows was planted in one of York County's newest dairymen during the childhood and teenage summers he spent with his grandparents on their purebred Ayrshire farm near El Dorado, Kansas.

"I was 'into' cows, but didn't quite know what to do about it," says the lanky dairyman whose father was a labor economics professor at the University of Washington in Seattle. "When I left my grandparents' farm in Kansas at the end of the summer after I graduated, I went right to Madison, to the University of Wisconsin, to enroll in dairy science studies."

It was the first of many years spent on campuses, adding degrees to his resume. With a bachelor's degree certificate in his pocket, McCaffree then enrolled at Cornell in 1960 for graduate studies.

As part of his thesis for a master's degree, McCaffree delved into dairy nutrition, working on some of the first research detailing the use of high moisture corn in dairy feeding programs.

A decade after entering New York's state university, his studies interrupted periodically for jobs and travel, McCaffree earned the right to add PhD initials behind his name.

Again, his research work would add a contribution to the demand for improved records in the dairy industry. With many hours spent at a computer terminal, McCaffree charted the economics of DHIA records and their overall benefits to farm management.

When the job of herdsman for Delaware Valley's 60-head "teaching herd" opened, along with the opportunity to instruct classes, McCaffree won the position and the chance to combine his ambitions with his degrees.

"But I'm sure I learned more about cows at DVC than I ever taught any student," he is quick to insist. "I especially liked being able to teach in the atmosphere of the barn, with each student given a cow as his (or her) responsibility for that entire year. You can demonstrate things right there in the barn that could never be taught as effectively in a classroom."

At the time McCaffree took the herdsman-professor position, DVC had just started an Ayrshire herd. The school's Brown Swiss herd was already an outstanding one, one of the top in the nation in the 10-or-less-head size.

After teaching and managing herds for several years, Jim and Holly McCaffree's owning their own herd and farms near Delta, York County is a realization of a dream come true. They take special pride in the chance to work at home where they can be with their two small children. Both two-year-old Jared, and baby Jessica who was napping, already show interest in the cows.

Coaching the dairy judging team was a third part of the job classification. At the University of Wisconsin, McCaffree had studied judging evaluation and techniques, and had served as an alternate on one of the nation's top collegiate teams. But he'll readily admit that judging is best learned by participation, and having to defend a set of placings against a team of students ready and eager to dispute their coach's decision.

"If I miss anything, it's working with the judging team," he says. In 1975, DVC's dairy judging team placed third at national collegiate competition.

After six years at DVC, McCaffree left the college to take a herd manager's position at Fair Hill farm on Maryland's Eastern Shore, and later became herdsman for Jay and Sue Howes' Legacy Holsteins at Warriors Mark. While at the Howes' Centre County farm, he acquired a few of his own animals and, about two years ago, had the opportunity to rent a milking operation in Washington County from a former student.

After about two years of renting there, McCaffree and wife Holly decided that they'd like to relocate back in the southeastern part of the state, and purchased their present farm in late 1981. Last April, 45 cows and 30 heifers made the long truck trip east to their new home just west of Route 74 near Delta. A new pipeline, 30-foot barn extension with boxstalls, and manure

(Turn to Page A36)

Sycam

BY DONNA TOMMEL
MILLERSBURG —
walking to his barn, Tue
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moment to pick a dandelio
A dandelion? Wait a mi
is January, Farm Sho
doesn't that mean
anymore?
There's an old Penn
proverb that says Far
Week means bad weathe

Earl Keefer, a for
clipping away at this
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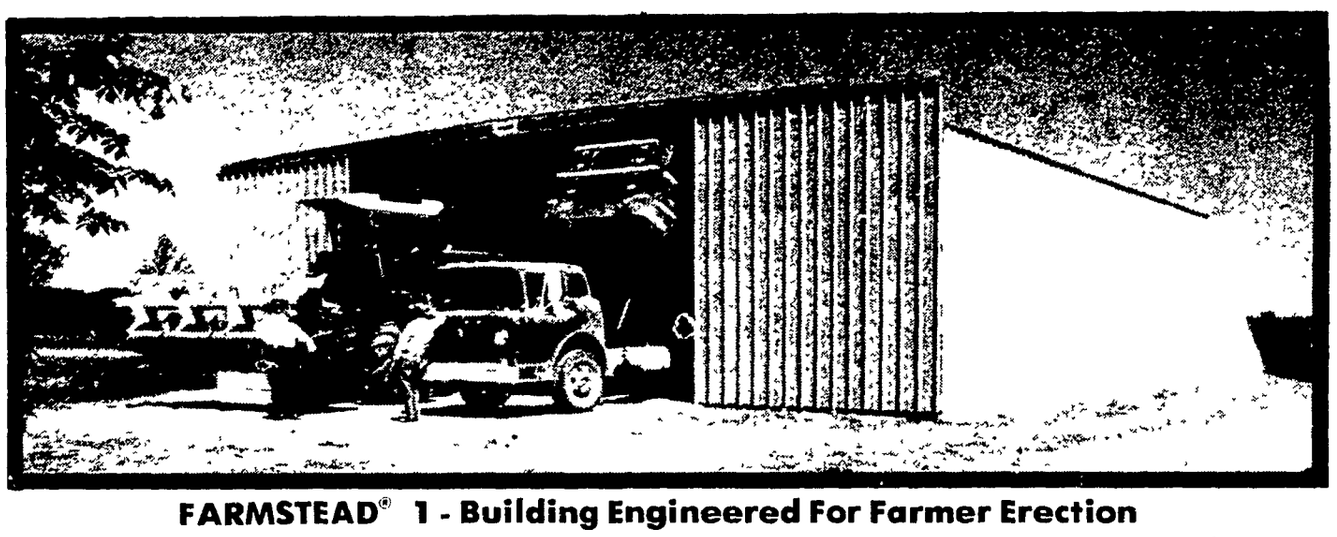

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... east to their new home
...f Route 74 near Delta. A
...line, 30-foot barn ex-
...th boxstalls, and manure

(Turn to Page A36)

BY DONNA TOMMELLEO

MILLERSBURG — While walking to his barn, Tuesday afternoon, Earl Keefer stopped for a moment to pick a dandelion.

A dandelion? Wait a minute, this is January, Farm Show week, doesn't that mean anything anymore?

There's an old Pennsylvania proverb that says Farm Show Week means bad weather ahead, but that proverb hasn't always proven true. The National Weather Service's long range forecast for this year's Farm Show predicts a mild week.

A weather station at the North Entrance to the Large Arena proved a major success last year providing weather information from across the state. Visitors received six-hour "now-casts" at the station to assist in their trip planning.

Earl Keefer, a former National Ayrshire president begins clipping away at this Ayrshire's winter coat in preparation for Farm Show 1983.

But Earl and Annabel Keefer just need to look out their window, for the Farm Show complex is within a 30-minute drive from their Millersburg farm.

While their children Sandra and Earl, Jr. were young 4-H'ers, Earl traveled to and from Farm Show, tending the home herd as well as the show string. But today, that is all a thing of the past thanks to three generations of family participation.

Donald and Sandra Shetterly, partners with Earl and Annabel, now travel with the show string. Their children Steve, Debbie and Donna pitch in when needed and tend their own 4-H animals during Farm Show week.

Earl, Jr. along with his dad supplies much of the work at home. He and his wife Rhona will be there at ringside when their children Sherry and Lisa vie for ribbons. Their two youngest, Elaine and April also add family support.

This year, the Keefer-Shetterly show string consists of 12 animals: a junior calf; senior calf; two junior yearlings; a 2-year-old; two dry cows; two 3-year-olds; a 4-year-old; two aged cows.

Granddaughter Sherry Keefer will be at halter of her junior yearling, while grandson Steve Shetterly will lead a 2-year-old. Both animals are sired by a homebred bull, Sycamore Meade Hi Champ, who is currently available for young sire sampling.

The young bull reflects Keefer's philosophy for breeding the red and white Scottish breed. Hi Champ is sired by Mar-Ral Hi Kick, currently one of the most popular bulls of the breed. However, Hi-Kick's sire, Selwoods Betty Commander gained popularity in the 1960s and early 1970s to become one of the "hottest" bulls of any breed.

"At his peak, the Betty bull had the highest predicted difference for milk of any breed. The most outstanding Ayrshire bulls, today, are his sons," Keefer said.

Pennsylvania Ayrshire Breeder secretary Milt Brubaker continues with the history of the influential Betty bull.

"It's no secret that the Ayrshire breed lost some production but the

(Turn to Page A24)

Sandra Keefer Shetterly spends a few minutes checking on one of her many charges — a Sycamore Meade replacement. Next week, Sandra will ply her talents in the Farm Show large arena at the halters of the Ayrshire show string.

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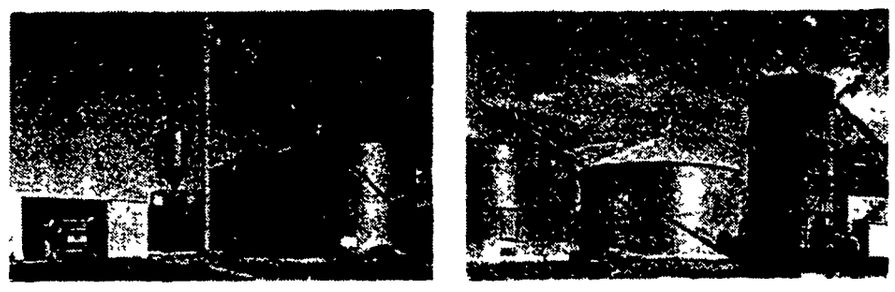

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Midnight crash of Lebanon Co. farmer's silo creates "excitement"

LEBANON — "It came down with a crash," said Tom Krall, describing the fall of the Lebanon County farm family's 20 x 80 foot Harvestore silo at 12:30 a.m. Tuesday morning. "It looked like it just made a hole in the ground and disappeared. The dust it raised made it look like a rocket going off."

The collapse of the "almost full" steel and fiberglass structure was the unfortunate finale of slightly more than a week of watching and waiting for Penn-Jersey Harvestore Systems, Inc. and dairyman John Krall of South Lebanon Township and his family. Sons Tim and Tom, who work on the family dairy operation, were joined by John and daughter-in-law Shirley in a vigil Monday evening, anticipating the fall of the leaning blue tower.

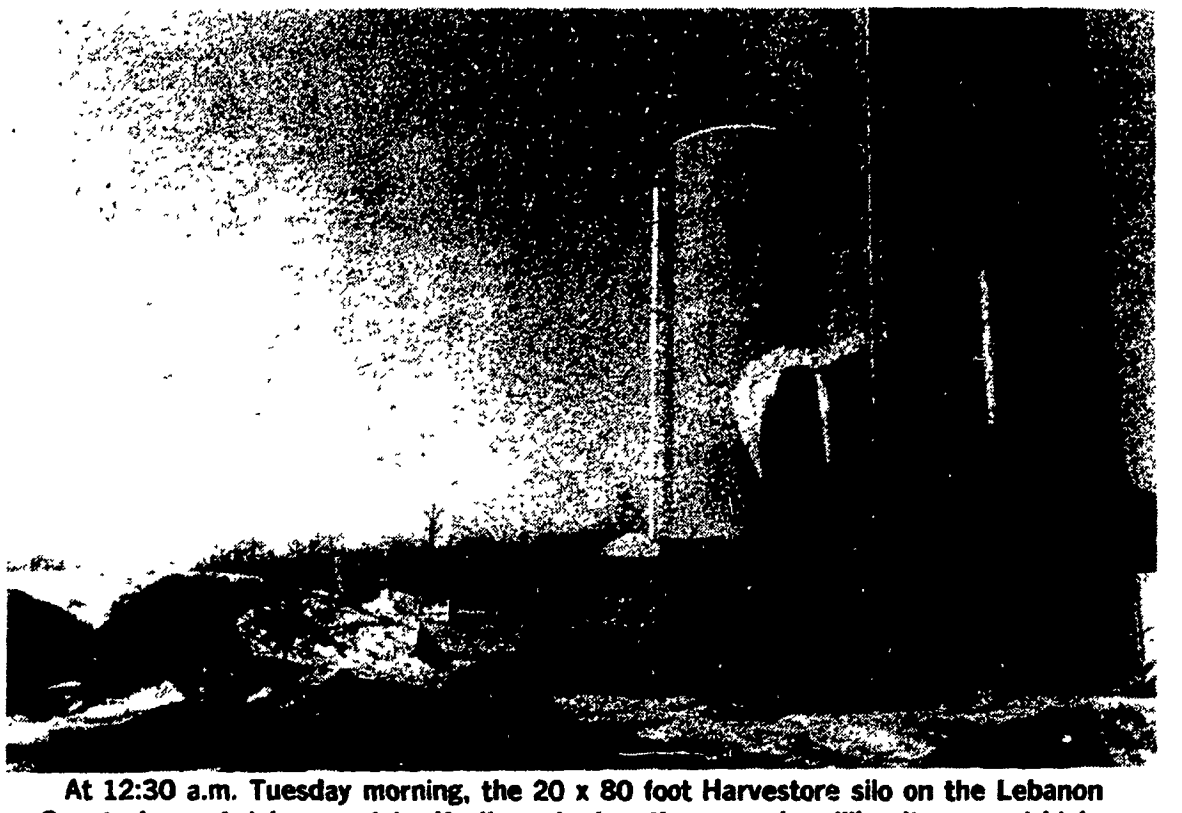
Tom, who was on hand Tuesday as the clean-up crews from Penn-Jersey Harvestore worked to remove the crumbled panels and heaping pile of high-moisture ground ear corn, said he had been taking movies of the silo all day Monday and had hoped the structure would fall before it was too dark. Since he and the other family members couldn't sleep that night, anyway, Tom said it came as no "shot-in-the-dark" surprise when the final crash occurred.

"We thought the silo had to go on Monday," recalled Tom. "During the day, Tim said he heard something cracking in the feed room, next to the silo — sounded like an electrical short or something. What it was, we realized, was the splattering of glass as it cracked off the silo. By the end of the day, the silo had leaned three-quarters of the way over.

"It had leaned against the Star silo first," said Tom, pointing out the long, dark scratch in the concrete and the slightly squashed silo ladder. But then the weight must have shifted and it fell away from the barn and remaining silos, out toward the rye-covered corn fields, he said.

Curiosity more than dread marked the occasion that could have been termed disasterous except for the backing the Kralls received from Penn-Jersey Harvestore. Instead of wincing from the crushing blow the silo's collapse could have dealt to their huge investment of feed and

(Turn to Page A34)



At 12:30 a.m. Tuesday morning, the 20 x 80 foot Harvestore silo on the Lebanon County farm of dairyman John Krall crashed to the ground, spilling its ground high-moisture ear corn contents amidst crumpled panels. The silo's collapse was said to be caused by a phenomenon called "bridging." Penn Jersey's Bob McLean reported on Thursday that the company hopes to have a brand new 20 x 80 Harvestore constructed on the same spot by today.

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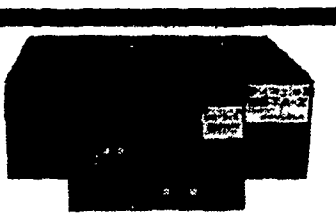

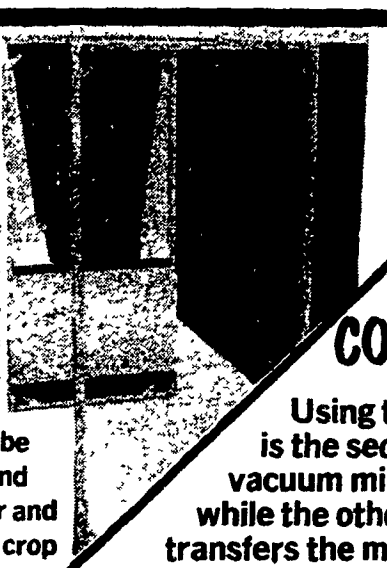

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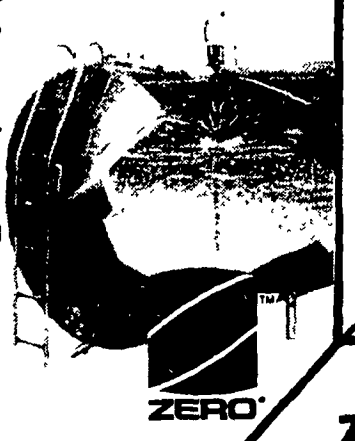

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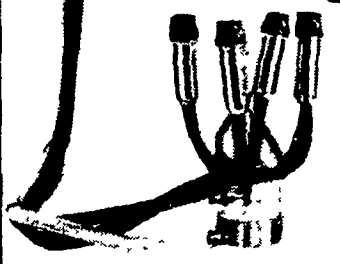

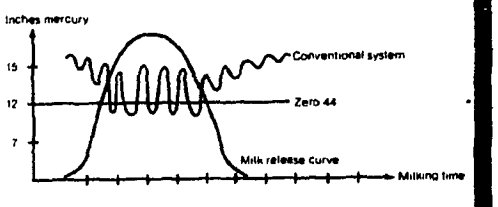

The End Of Vacuum Fluctuations.
Chart shows how Zero 44 and the Concord Milker maintain constant, low gentle vacuum throughout milk release, in contrast to high, harsh, fluctuating vacuum of conventional systems.

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It is generally reported and agreed that "blended" fertilizer will separate during transit and during application. It is the quality of the ingredients in the blends that makes the difference. For example, potash particles that are not uniform will separate easier than uniform particles. Some of the producer's product that was tested traveled less than 20 miles from the plant to the customer. All of the Anderson's tested product traveled at least 185 miles. On most occasions the product traveled another 100 to 340 miles before being tested. Even after all of this transit (as much as 515 miles) ANDERSON BLENDS still had the highest "% of samples tested (94%) meeting or exceeding the guaranteed analysis." The quality of their product even ranked higher than some ammoniated fertilizer products, which by definition of their ammoniated composition, are not supposed to separate or be deficient.

After studying the State test results below, you will conclude as I did; Yes. You can buy ANDERSON FERTILIZER with CONFIDENCE!

Sincerely,
Frank T. Sporie

Manufacturer*	Number of Samples Tested*	Number of Deficient Samples*	Percentage of Samples meeting or exceeding guaranteed analysis
THE ANDERSONS	35	2	94.29%
Agway	382	51	86.65%
York Stone and Supply	32	5	84.37%
USS Agr. Chemical	92	21	77.17%
Horn's Crop Service	46	12	73.91%
Boyd's Seed Center	18	5	72.22%
Royster-R/K Agri. Service	62	18	70.97%
Agrico	83	28	66.27%
Organic Plant Food Co.	17	6	64.71%
Andgro Fertilizer Co.	14	5	64.29%
Green Leaf Fertilizer Co.	65	26	60.00%
Lebanon Chemical Corp.	97	43	55.77%
Agronomy, Inc.	9	4	55.56%
Central Chemical Co.	55	25	54.55%
S.H. Goss, Inc.	17	8	52.94%
Carbon Limestone Co.	2	1	50.00%
Webb's Super Gro Products	4	3	25.00%
Reading Bone Fertilizer Co.	5	4	20.00%

* As listed in the latest edition of "Commercial Feed, Fertilizer and Liming Materials Report for the Period of July 1, 1980 to June 30, 1981", released May 1982. Publication available from Pennsylvania Department of Agriculture, Harrisburg, Pa.

ANDERSON FERTILIZER

January 1983 Trailer Truckload Price List

Analysis	Bag	Analysis	Bag
5-10-10*	123.00	19-19-19	193.50
5-10-30*	148.00	20-10-10	167.00
5-20-20	158.00	28-13-13*	206.00
6-18-36*	178.00	30-10-10*	201.50
6-24-24	173.50	30-0-20*	191.00
6-26-26*	183.00	0-26-26*	174.00
7-27-11*	173.00	0-26-24* W/B	181.50
8-32-16 DAP	188.50	0-18-36*	166.50
8-32-16* MAP	200.00	0-14-42	159.00
10-20-20	168.50	0-14-40* W/B	169.50
12-24-24	190.00		
10-30-10*	185.00	46-0-0	196.00
12-36-12*	207.50	0-46-0	184.50
10-10-10*	139.50	0-0-60	135.75
12-12-12	149.00	18-46-0	215.50
16-16-16	173.50	13-52-0*	229.50

* May require minimum order

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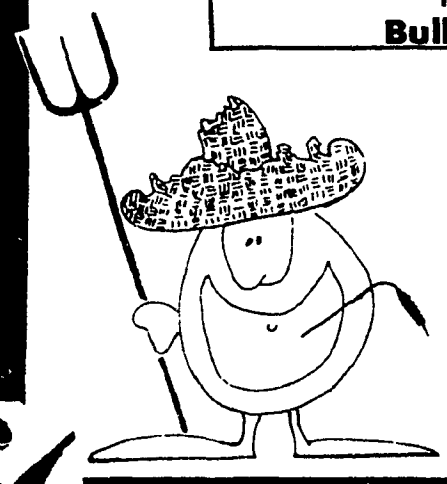

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Note - Market conditions may cause prices to change without notice. The above prices will be honored through 1/14/83.

Sycamore Meade

(Continued from Page A21)

Betty bull put us back on the map as far as production goes," Brubaker explains. In fact, Brubaker recalls, that the bull's high PD was popular among commercial Holstein herds, during the 1960s.

"Earl Keefer was one of the first breeders in the state to get the Betty blood in his herd. And for the last ten years, his herd has been in the top ten for the breed in production," Brubaker says.

But the Betty bull came closer to the butcher shop than he did to A.I. service, Brubaker recalls. His Canadian breeder, Selwood Farm provided a New York A.I. stud with a bull in the late 1950s. However, a barn fire at the stud killed several bulls, including the Selwood delegate, explains Brubaker.

Meanwhile, the Betty bull was slated for baloney but instead was used to replace the bull killed in the barn fire. The rest, as they say, is history.

With the influence of the great bull behind him, Earl Keefer admits that his breeding is geared more for production.

"We breed for milk. We're concerned about type but we don't breed for a show string," he says. And as the herd averages roll along, so, it seems, does type. The Sycamore Meade barn currently boasts about a dozen Excellents.

On Tuesday in the Farm Show large arena, the Keefer-Shetterly clan will make the most of a breeding philosophy developed over the past quarter century.

The 112-acre Dauphin County farm has been in Keefer's family since William Penn handed out deeds centuries ago. Earl's dad was a school teacher and left the farming duties up to his sons.

"The farm was pretty rundown then," Earl recalls. The mixed herd was milked by hand for a while until bucket milkers replaced the tedious task.

Eventually, Keefer phased out all other breeds to concentrate on his favorite — the Ayrshire cow.

"I'm fond of them for a number of reasons," he explains. "They're efficient feed converters. You don't often see a bad udder on an Ayrshire and calving problems are almost unheard of."

As is on most family-run farms, Earl and Annabel, who was raised on a general farm in western Ohio, provided much of the early foundation work while their children were small.

Until a decade ago, the Keefers milked their growing herd on two separate farms, which were about three miles apart.

Annabel recounts one of the worst winters to hit Dauphin County. A heavy Thanksgiving snowstorm had downed several power lines, shutting electricity to both farms. Without an auxiliary generator, the Keefers worked long, long hours to tend the herd.

"We had to take the cows down to the run for water," she recalls. Their Thanksgiving dinner consisted of soup, which Annabel cooked with canned heat and hamburgers.

"The refrigerator wasn't working and the ice cream melted, so we drank ice cream, that day," Earl adds.

At first, the Keefers tried to milk by hand but quickly abandoned the practice.

"We finally hooked a pump up to a tractor. It took us all day to milk. It was hardest on the heavy producers," notes Earl.

"About a half-dozen cows were in their peak, but after that they never came back," he adds.

Needless to day, the Keefers now have a generator.

"But we haven't used it yet," laughs Annabel.

Today, the Sycamore Meade labor force includes Earl, Donald Shetterly and Earl, Jr. Replacement raising has passed from mother to daughter as Sandra is chief calf raiser.

The 87-head milking herd benefits from a home grain mixture. A 14 percent protein mix of soybean meal, oats and ear corn, plus vitamins and minerals are part of a total mixed ration fed three times a day. Computed for 45 pounds of daily production, the TMR, which is fed in the free-stall bunk, includes (on a per head basis) 18 pounds of grain, 14 pounds of corn silage and 16 pounds of alfalfa haylage.

Cows producing more than 45 pounds get an additional slug of grain (a 20 percent protein mix) in the stall barn during milking.

Meanwhile at the Farm Show complex, Sandra, Donald and brood, will be putting the final touches on the show string. In 1981, the Keefers and Shetterlys walked away with virtually all the marbles when they collected the Grand Champion rosette and the Premier Breeder and Exhibitor banners.

In addition to the competition, the family looks forward to fellowship with other exhibitors and visiting with the non-farm public.

Earl chuckles as he recalls one Farm Show when the animals were bedded with straw that was stored at a friend's barn. The farmer had a few guinea hens on his place and evidently an egg was lodged on a bale. Before the day ended, Earl says at least one city visitor walked away thinking he had just met the first egg-laying cow.

In just one more week, Farm Show 1983 will be history. The Keefers and Shetterlys along with hundreds of other farm families will have collected more memories and hopefully more ribbons.

But more importantly, their participation and pride in showing and breeding quality animals are tools that can be shared with the non-farm public.

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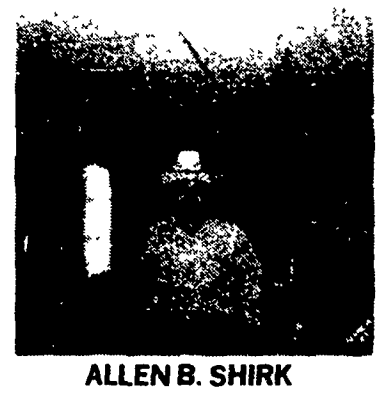

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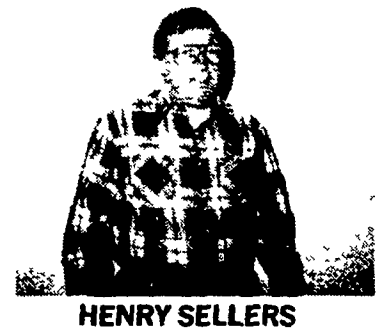

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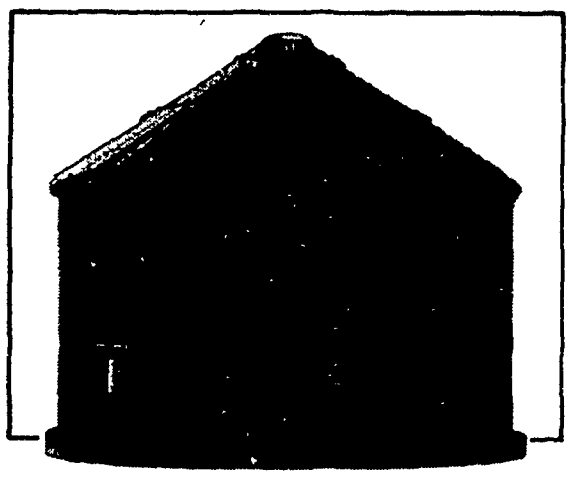

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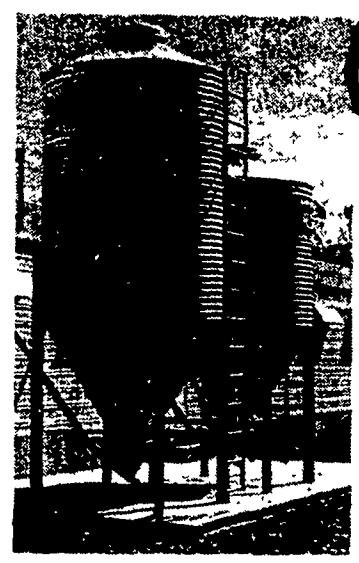

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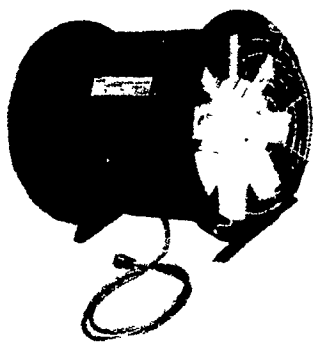

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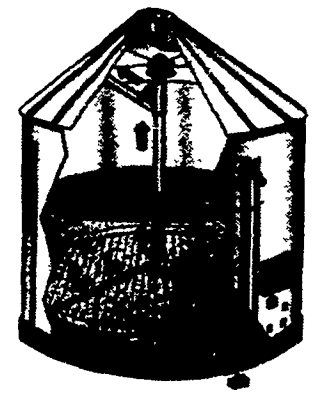

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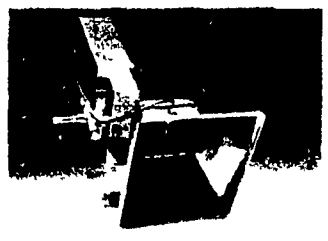

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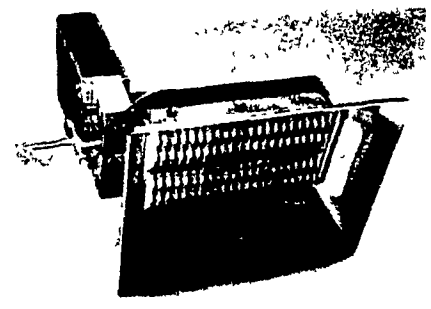

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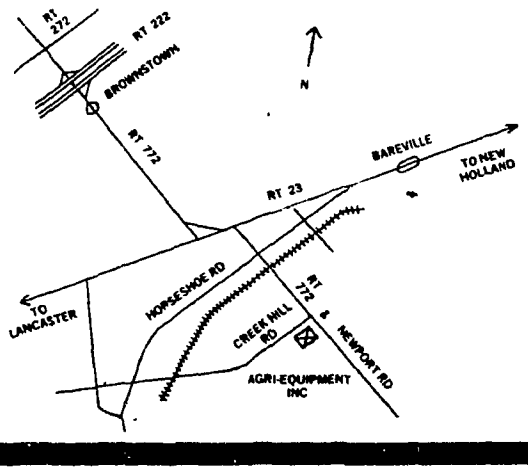

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York Dorset breeder builds flock

BY JOYCE BUPP
Staff Correspondent

YORK — While Greg Strausbaugh spends his days investing in agricultural commodities for his brokerage firm's customers, his own "portfolio" is out running across the pastures on a farm just west of York.

Clearview Acres is the up and coming registered polled Dorset sheep breeding operation of Greg and Chris Strausbaugh, East Berlin Road. But while a show string of a half-dozen ewes and lambs, plus daughter Alicia's 4-H market entry, claim the family's attention during Farm Show competition, the newest notable addition to the flock will remain behind in the barnyard.

Although just beginning her third year of 4-H work, Alicia Strausbaugh already holds claim to several champion and reserve market lamb purple rosettes won at area shows.

"We're putting 'all our eggs in one basket'," claims Strausbaugh of "The Priest," a young ram they recently acquired to strengthen the flock's typiness and bloodlines.

Purchased from Mike Carpenter, a Virginia polled Dorset breeder, the new flock monarch arrived with an impressive string of wins at major shows to his credit. His champion honors include the Ohio and Maryland state fairs, New England's exhibition at Springfield, Massachusetts, and the second-place spot at Louisville's North American International Livestock Exhibition.

Tall and typey, the young sire is indicative of the emerging trends in the sheep breeding industry geared to modern market demands. His pedigree blends the lines of a Kenny Moore-bred ewe crossed with the paternal influence of a Stoney Point ram, explains Strausbaugh.

A commodity specialist with the York offices of Merrill Lynch Pierce Fenner & Smith, Inc., Strausbaugh is no novice to the sheep industry. He's a York native who acquired an interest in working with sheep during pre-vet studies at Penn State, where he spent many hours working in the sheep production barns.

On a Bedford County farm, the Strausbaugh's took the plunge into full-time farming in the mid-'70s, with a flock of 500 western-bred ewes and a 200-sow hog breeding herd.

The commercial ewes gave way later to Corriedales, and then to Dorsets because of the breed's unique economic-bonus ability to lamb twice annually.

It was not the best of times, however, to be in either the hog business, or sheep production.

"Farming just wasn't the business to be in," Greg relates of his Bedford farm years.

After selling out and returning to York County, he was offered the position with the investment firm, where Strausbaugh could put to use his ag knowledge. He specializes in the gamut of agricultural trading commodities, ranging from soybean futures to pork bellies, as well as gold and silver speculation for local investors.

Still, the commodity claiming his own personal interest remains the Dorset breeding flock. Renting one of the J.E. Baker stone and gravel company's farms provides both a spacious rural home with plenty of room outdoors for 8-year-old Alicia and 5-year-old Jeff, plus housing and pasture space for the expanding flock.

With the purchase of "The Priest," Chris and Greg Strausbaugh, York are eagerly looking forward to the first crop of lambs by the champion Virginia-bred registered polled Dorset ram.

Besides the obvious, economic advantage of the Dorset's ability to lamb semiannually, the breed wins the Strausbaugh's loyalty on several other traits.

"They're excellent mothers," he says, and admits not ever being able to recall a ewe refusing to accept her newborn.

Chris, who handles the lambing responsibility when her husband is away, sees their devoted mothering and ease of delivery as a real incentive for the breed, and a characteristic that makes her mid-wife duties a bit easier.

And, Dorsets also are excellent milkers, Strausbaugh adds, noting that a few Australian sheep breeders reportedly have begun commercially milking their flocks of Dorsets for dairy purposes.

Rations for the flock are primarily alfalfa hay and grain, with a 12-13 percent protein concentrate. Protein for the show string is boosted just a bit, fed with corn and oats.

Through buying and breeding, the Strausbaugh's feel they now have the flock built to the level from which they can begin merchandising.

"We feel it's about time to make the move in that direction," assesses Strausbaugh of the sheep numbers and quality. "It's a fairly good flock of ewes, but we needed a top-notch ram."

Exhibiting in show competition is part of their advertising and merchandising program. Their own-bred ram and ewes placed third in York Fair's stiff classes this past season while Alicia took champion honors in the 4-H market pair and reserve with the pen mates in open runoffs.

Strausbaugh is also known as a show ring official, and is frequently called to place sheep, hog and beef classes at area exhibits. Judging is another way, along with attending industry workshops and seminars, of staying on top of the latest show ring and market trends.

As president of the Pennsylvania Dorset Breeders Association, Strausbaugh serves as a leader in promoting his favorite breed of sheep. Major events sponsored by the Dorset organization include the selection of an outstanding youth of the year award, which will be presented at the Farm Show Sunday afternoon following the Dorset show, and an annual bred ewe sale held during the Keystone Livestock show.

Guard dog, Max, is gentle as lamb...to sheep

YORK — Joggers puffing their way out East Berlin Road, west of York, have been known to make haste for the far side of the road as they pass the meadow where the Greg Strausbaugh family's flock of registered polled Dorsets quietly graze.

Not that the sweatpants-and-sneaker-clad runners fear sheep. The problem is Max.

Max — a hundred pounds of lithe muscling covered with thick, long, pristine-white hair — can cover the distance between the barn and the road in a few long-legged lopes, looking for all the world like a polar bear with dinner on his mind. It's enough to set the rubber burning on the bottom of a pair of Adidas running shoes.

Man's best friend becomes sheep's best friend when he's a Great Pyrenees. Max, a pure white powerhouse of a dog bred to protect flocks, was purchased by the Greg Strausbaugh family at the 1981 Ag Arena sale in Harrisburg. Fiercely devoted to his inbred duty, Max not only guards, but eats and sleeps with the flock. And to 5-year-old Jeff Strausbaugh, Max is obviously a very special part of the family.

Actually, Max is practically harmless, unless a jogger has sheep stealing on his mind. Then, he'd best beware.

Max, short for Maximillian, comes from a long line of Great Pyrenees dogs bred by sheep herders in the Pyrenees mountain range, between France and Spain, to guard flocks against predators.

The Strausbaugh's purchased Max at the 1981 Ag Arena sale at Harrisburg. He had been consigned to the Penn State fund-raising event by his breeders, the Sverduks of northeastern Pennsylvania. Just six months old, still technically a puppy, Max had already shown his abilities by chasing off a German Shepherd that had intruded into the Sverduks' barnyard.

While his devotion to the Strausbaugh flock has grown along with his size, Max remains a "big kid" at heart.

"Great Pyrenees are always in the adolescent stage of life," quotes Greg Strausbaugh from a recent article in the Smithsonian Magazine. Admittedly, the gentle pooch with the massive, soft-furred head looks as though he could easily win a starring role in one of those Disney-type motion pictures.

When first introduced to this country, Great Pyrenees were regarded as little more than a novelty as dog breeds go. But as the sheep industry has grown, and flock owners learn of the capabilities of the large white guard dogs, they're viewed as a valuable addition to any shepherd's inventory.

Strausbaugh believes that the value of the dogs lies primarily with the "ounce of prevention is worth a pound of cure" theory, although he has no doubt that Max could send a predator packing with its tail between its legs.

Roving bands of stray dogs remain the largest threat to sheep in the East, while range shepherds have to contend with other four-legged pests, such as coyotes, wolves and bears.

Sheep have no defense against such predation except running. Flocks in small pastures simply have no place to flee from dog packs, and in areas where they can run, predators will give chase until the sheep collapse in exhaustion.

During such chases, the tender underbellies of ewes and lambs may be ripped by maurauders' sharp teeth, or the udders torn from ewes. Sheep so brutally mutilated often bleed to death, or must be destroyed.

Flock owners who run the Great Pyrenees with their sheep often claim to have no predator problems—until they must remove the guard dog for some reason.

Strausbaugh relates the story of one Western herder who had to take his dog to the vet for a brief period, and promptly lost eight lambs to flock intruders.

Such incidents sound too familiar to the Strausbaugh's, who lost as many as a dozen ewes and lambs at a time to roving dogs, while operating a 500-ewe flock in Bedford County a few years ago.

And Max? He seems to think he's just another member of the flock hanging out in the barnyard, stretching out in the pasture for a snooze, even nibbling at the sheep feed rations.

There are a couple of joggers who still aren't convinced, though, that the huge white dog is really just as gentle as a lamb.

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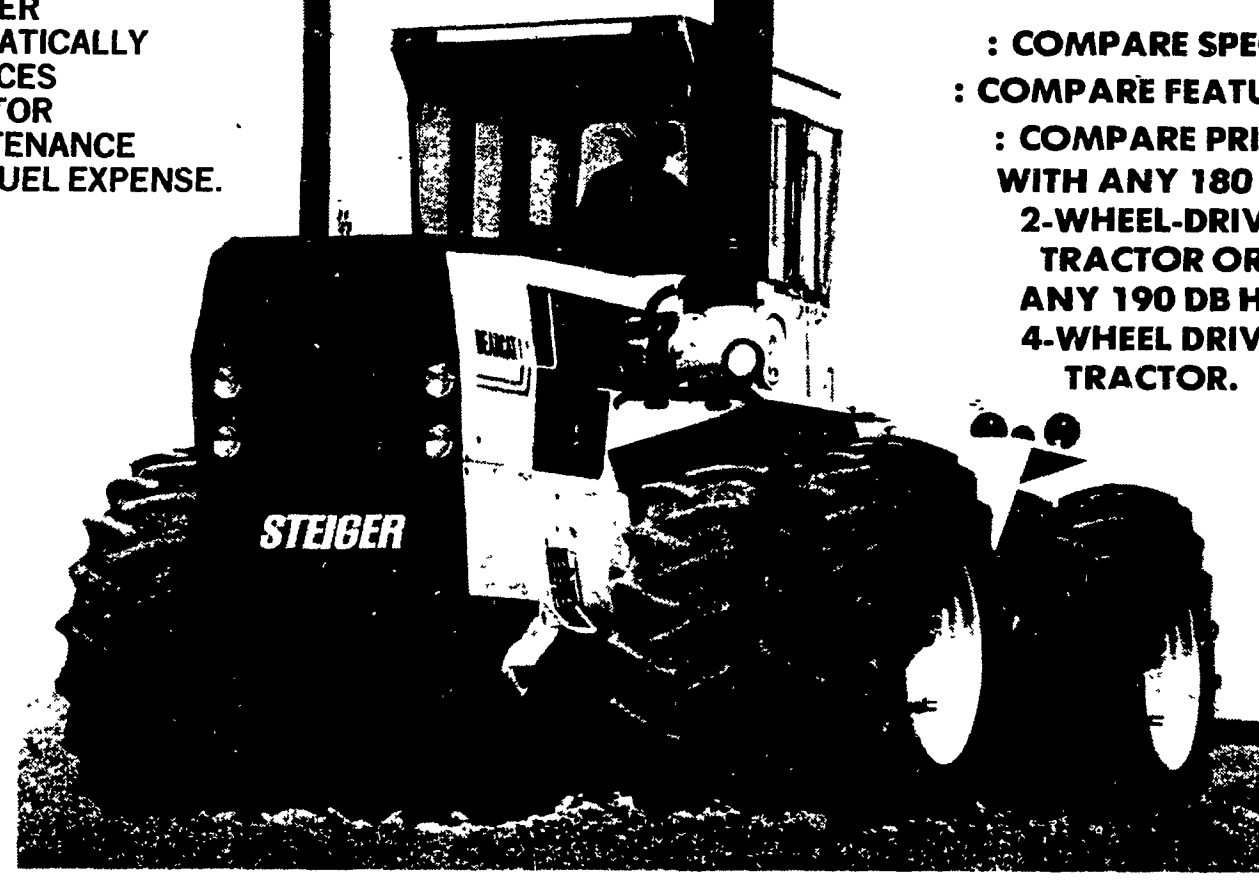

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Farm Show fever

(Continued from Page A1)

record crowd of 750,000 packed the 14-acre complex, attendance estimates were discontinued.

Although this year's Farm Show is highlighted by a change outdoors, show director Horace Mann reports that a few alterations have taken place inside, as well.

The main exhibition hall, which features everything from mold board plows to mouth-watering mushrooms, hopefully will sport six large fans to cut down on the grease and smoke experienced at the food stands, says Mann.

"This should relieve a lot of problems," he adds.

Traffic problems inside and outside the complex should lessen slightly this year, reports Mann. A 10-acre lot near the creek was graded this fall and should the ground freeze, the site will provide additional parking for visitors. Inside the complex, Mann says movement of livestock still remains a problem.

When visitors, exhibitors and livestock are shoulder to shoulder moving through the building, the potential for injury exists.

However, the Farm Show director points out that horse pulling teams, which in the past have presented the most danger to the public, will be moved in a group.

With the help of the Pennsylvania State Police, a privately-owned security force and Farm Show security personnel, the horse teams will enter the large arena in a group and remain, even if eliminated, until the competition ends.

"Any future building improvement," says Mann, "can eliminate the problem."

Future plans include color coding barns and halls to help guide visitors and exhibitors through the multi-building complex.

For safety reasons, power washers are banned from the livestock washing areas. However, Mann reports that permanent high-pressure hoses are a possibility for the future.

And, there will be no questions about how much market animals weigh during this year's Farm Show. The revamped livestock scale in the North building will operate with a digital screen and provide the exhibitor with a computer print-out on the animal's weight.

Governor and Mrs. Thornburgh will join the throngs of visitors tomorrow to kick off the 67th agstravaganza.

According to Farm Show officials, 1,919 poultry entries are slated for the 1983 show. Dairy cattle entries for the show include 589 in open and junior classes with another 305 entries in beef cattle classes. Sheep entries total 610, swine entries add up to 398, and dairy goats, which will parade on the Farm Show tanbark for the first time Friday morning, total 103. In the equine division, 214 draft horses and ponies have been entered in breed and pulling classes.

"These represent the cream of Pennsylvania's livestock and poultry exhibits," said State Agriculture Secretary Penrose Hallowell. "All champions in their own right, and during the show will be competing for the prestige of grand champion titles as well as more than $143,300 in premiums and trophies."

This year's premiums fall in line with the steady increase of cash prizes, topping 1982's offerings by more than $6,000.

Commercial exhibits always have been a popular attraction at Farm Show and this year is no exception. More than 250 exhibitors will be on hand this year displaying an extimated $25-$30 million in farm machinery and other items.

For the third year, the state's food processing and retail business will display their wares in the Pennsylvania Food Marketplace.

A baked potato is almost as much of an institution at the Farm Show as the big event itself. The Pennsylvania Cooperative Potato Growers estimate 30 tons of spuds will be baked, French fried and made into donuts this week.

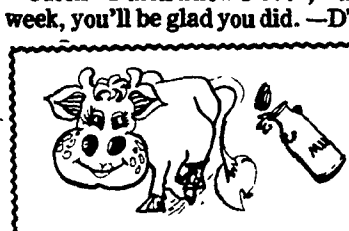
The Pennsylvania Dairy Association is expected to serve up more than 7,000 milk shakes per day and tons of ice cream made with honey will be sold by members of the state's Beekeepers Association.

Apples and apple cider will be the subject of the Pennsylvania Horticultural Association's booth. The state's Vegetable Growers Association will be cooking vegetable soup, while the Mushroom Growers Cooperative Association offers fried mushrooms.

The Poultry Federation will offer a wide variety of chicken dishes while beef sandwiches and stew will be on menu at the Pennsylvania Livestock Association's booth.

Without question, the Pennsylvania Farm Show remains one of the top events in the East for wholesome family entertainment and education at the most affordable price — admission free.

Catch "Farm Show Fever," this week, you'll be glad you did. —DT



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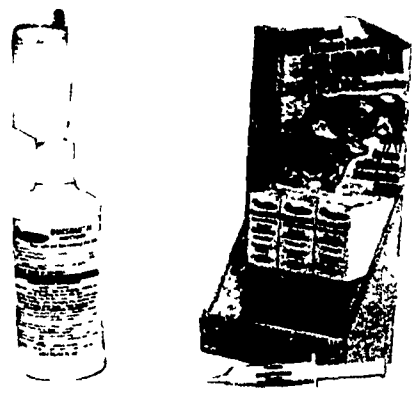

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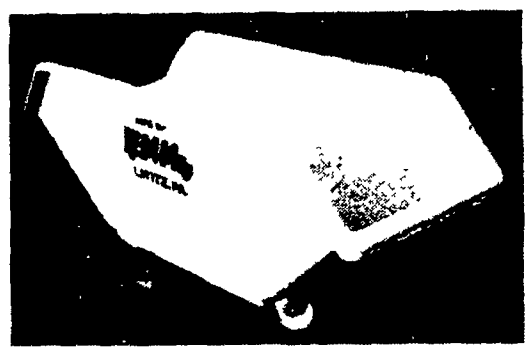

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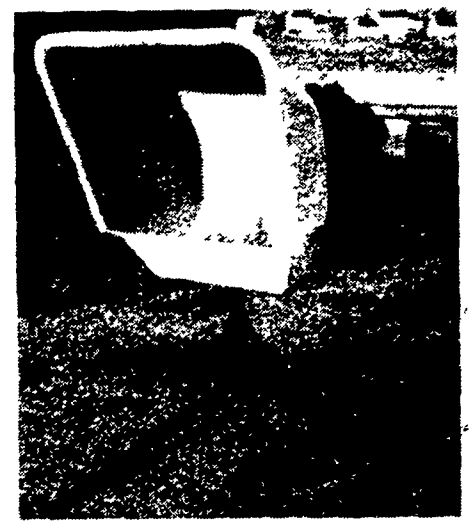

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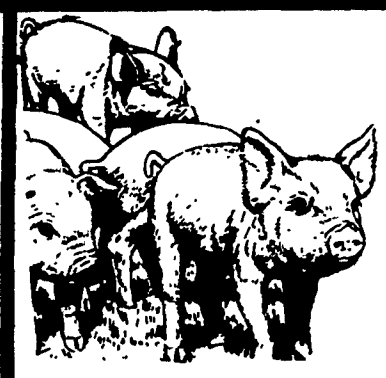

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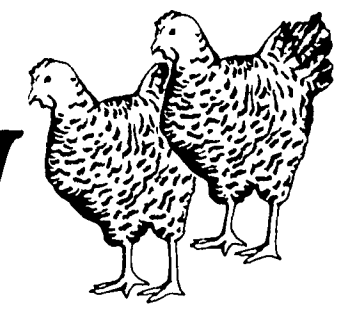

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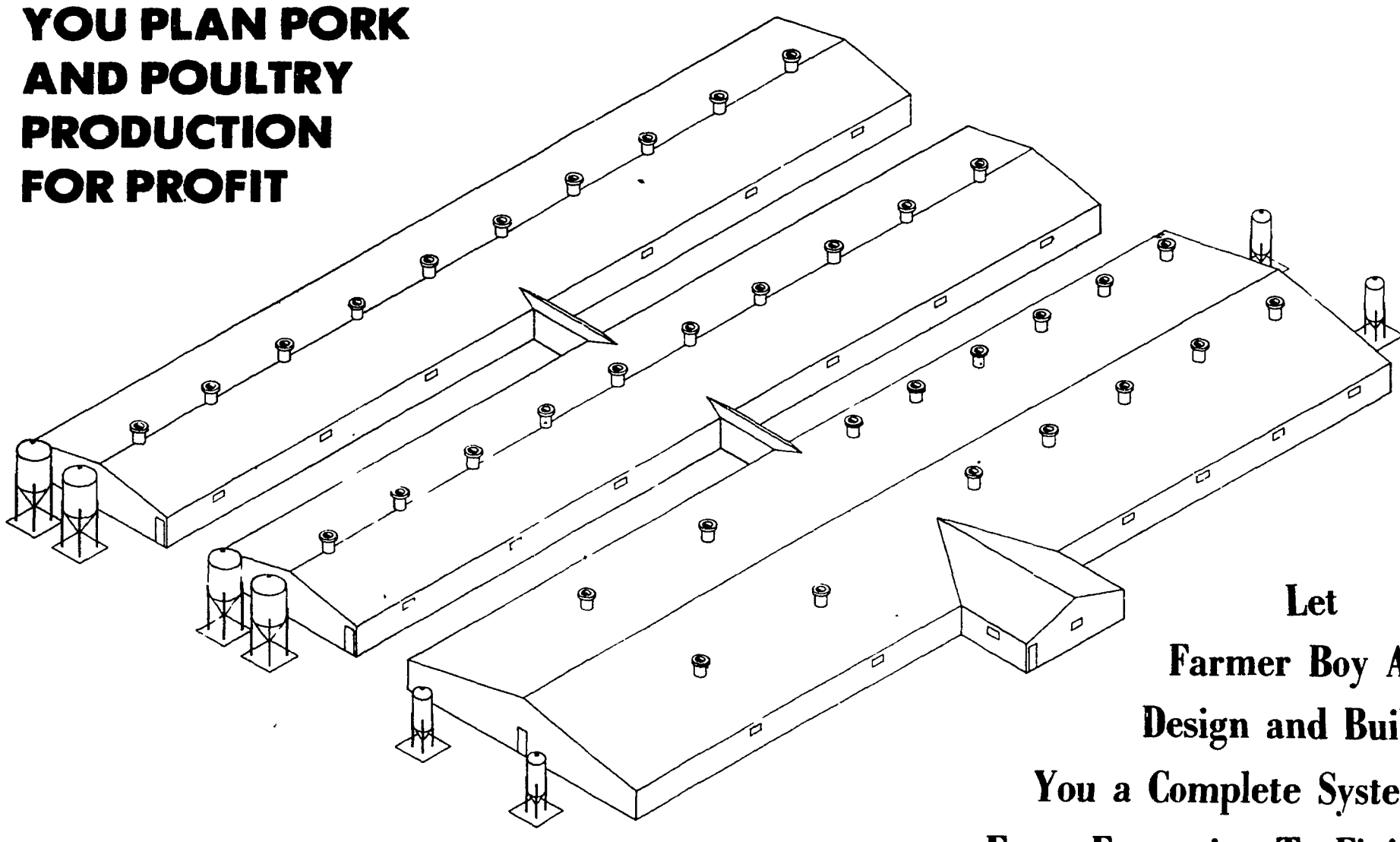

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Farm Show finds Berks 4-H'er on favorite turf...tanbark

By Robin Phillips

READING — She likes attending club calf sales and loves to show her purchases. She likes attending fairs and shows and loves to exhibit at them. There is no doubt about it, when she is looking at beef, this gal has showing on her mind, and competitors, look out - 'cause she is tops at it.

Meet Kenianne Rarick, 15-year-old daughter of Mr. & Mrs. Kenneth Rarick, R2 Reading, Berks County and principal showman for Ken-Rose Farm. You have seen her pictured with cattle and hog winners in past issues of Lancaster Farming. As she begins to make final preparations for the 1983 [illegible] Show, Kenianne has agreed to share [illegible] formula for show ring sussess.

Kenianne began showing when she was eight years old and joined the Berks County Beef Club. With her first project, "Smokey," an Angus steer purchased at the Leesport Auction, to her current hopefuls, "Cleo", 1983 club steer, and "Carlisle" and "Charlie", the Farm Show prospects for next year, Kenianne has been able to buy her project animals with proceeds from showing and selling her animals the year before. In addition to steers, Kenianne decided to expand her show string four years ago, and began to show beef heifers with the same success. Her favorites are Shorthorns and Chianinas, she says, adding that someday she would like to develop a herd of her own.

The main beef herd on the farm is owned by father Kenneth. A mixture of Angus, Chianina, and Shorthorn, most of the herd is artificially bred and a clean-up bull is used on those cows not caught the first time. Currently using 7 T's Luck of the Irish, a top ABS Shorthorn sire, and Walco Kentucky Colonel, the National Supreme Champion Black Chianina, the family continues to work on upgrading the herd and selling breeding stock as well as club calves.

One of Kenianne's most successful animals is a 13/16 percentage Chianina bull, KRF Iggy. "Iggy" was shown by Kenianne to the 1982 Junior Champion American Chianina Championship at the 1982 Eastern National Livestock Show in Maryland. At one year of age, "Iggy" reached the actual weight of 1,140 pounds. With an excellent disposition to add to his many laurels, "Iggy" is currently helping to upgrade the herd and resides as the clean-up bull on the farm.

Throughout her showing career, Kenianne has had the total support of her parents, Kenneth and Rose Rarick, owners of Ken-Rose Farm, a small commercial beef operation started in 1974. Conceding to much parental guidance, Kenianne explained that she and her dad have an agreement, - he gets the animals to a show, and she takes over from there. Her father also told of another deal which they both take advantage of: as Kenianne's show heifers become cows, she trades them to her dad for the pick of his newborn heifers in the commercial herd.

In addition to trading animals with her father, Kenianne and her parents travel to about 12 sales a year for future show prospects. Kenianne has purchased winners from the Piedmont Sale in Maryland, the Leesport Auction, and privately in Berks, Lancaster and Lehigh counties. Kenianne has proven herself a competant judge of livestock as she continues to show her purchases to championships in the beef ring.

Some of her more notable show animals have been: "Elmer", her 1981 steer, a 3/4 Limousin who remained undefeated in class and was shown to champion honors at the Oley and Reading fairs that year. "Elmer" was sold at Roundup for the highest price of the day, $1.20 a pound. There also is "Maggie", a Shorthorn heifer who was 1982 Champion at the Farm Show as a calf, was shown to championships at all local fairs and also placed well at the Eastern National and the Keystone International in 1981 and 1982. And, of course, there is "Iggy", Junior Champion American Chianina, who reigns as junior herd sire at the farm.

Kenianne states that "Elmer" was her all-time favorite steer and she will never forget his winning the 1981 Reading Fair championship. As the pair waited to go into the ring for the final judging, "Elmer" became bored and too curious and stuck his nose inside a 55-gallon drum being used for trash beside the ring. As Kenianne got her ring call, "Elmer's" head became stuck in the barrel and to the spectators delight took quite a few pulls and pushes from friends to finally get him into the ring to go on to win the championship.

Another favorite of Kenianne's is "Maggie", a registered Shorthorn heifer who will be making her second trip to Farm Show this year. "Maggie" is due to calve in March to "7 T's Luck of the Irish". Although she really enjoys showing Chianina steers because of their popularity, Kenianne states that showing a Shorthorn heifer is the easier. The hair is fuller and much easier to pull up and block, she explains.

One of this year's Farm Show exhibitors will be Berks County 4-H'er Kenianne Rarick, right. The 15-year-old daughter of Mr. and Mrs. Kenneth Rarick of R2 Reading says she gets plenty of family support in her beef showing endeavors. Here the family poses with Kenianne's Shorthorn entries for Farn Show.

Ken-Rose Farm will be represented at the 1983 Farm Show by six animals - four belong to Kenianne. She does all the fitting and showing of the entire show string, and admits that tails are one of the hardest things to properly fit. Recently, however, she has become more confident with her abilities since a representative from Arcadia Farms, a beef operation in Kentucky, saw her doing the tails on her own stock at the Eastern National Show and hired her to do the tails on their animals. Although she enjoys all the aspects and even the work at the fairs, Kenianne states that the actual showing of her own animals remains one of her favorite sports.

When asked if she could handle a 600 pound calf that does not feel like practicing for a show, Kenianne stated that with her family's methods of training their animals she has few problems.

A steer is usually purchased at 500 to 600 pounds and is worked immediately. For his first two weeks on the farm, he is tied with a rope halter all the time. This tends to tame them down as they become used to the steady resistance on the rope, Kenianne's father explains. After this, the animal is released, but the halter remains on the steer with the lead rope left to drag. As the steer or a herdmate steps on the rope from time to time, the animal learns to stop or walk, responding to the pressures on the dragging rope, Kenianne's father adds. As the Raricks do chores in the area, the steer is often caught and led to water. As the animal becomes more accustomed to people, he is gradually led about the farm.

Any stubborn or exceptionally unruly youngster is given to "Marybeth," a nine-year-old donkey who remains as the family standby teacher if Kenianne cannot handle the steer. Mrs. Rarick says that although "Marybeth" is "no spring chicken," she makes short work of teaching an obstinate steer his lessons. "Marybeth" is always pastured with the herd and when her services are needed, the rope halter on the steer is tied to her own halter.

With about four feet of rope between them, the steer [illegible]

Along with her showing awards, Kenianne's room glitters with "gold" and "silver" in various shapes and sizes of plates and trophies earned in livestock judging contests.

go where "Marybeth" goes, stop when "Marybeth" stops, and stay where "Marybeth" chooses to stay. "Marybeth" is so proficient at teaching these juveniles that she has often been loaned to other 4-H'ers to teach their steers manners.

Kenianne gives much credit to two of her friends, Darlene Dietrich of R1 Hamburg and Diane Krause of Lehigh County, for invaluable lessons and advice as she became more adept in the show ring. Darlene lifted Kenianne's low spirits after one particular show with a small white pup, Snowball.

Kenianne has been a member of the Berks County Livestock Judging Team for several years. At the 1982 Junior Livestock Field Day at Penn State, Kenianne placed fourth out of 230 contestants. Also showing her judging prowess at the Lebanon Fairgrounds Pork Producers Sale, Kenianne participated in pre-sale activities and judged four classes of feeder pigs. Taking honors in judging for the day, Kenianne won a discount on her purchase in the sale.

At this sale she purchased "Mary Ellen", a Spotted x Duroc hog, her entry for this year's Farm Show. Stating that she began showing pigs about four years ago, Kenianne admits that they often get too tame and won't show well. One of her secrets in getting them to move is to bribe the hogs with cookies and states that a favorite with her pigs are chocolate chip cookies.

In addition to her extensive showing and 4-H club activities Kenianne also is an active member in the state and national junior clubs of the Shorthorn Breeders Associations and Chianina Breeders Association. She has participated in County Council, Teen Retreats, 4-H Fairs, Student Council, and also enjoys playing on the softball team at Fleetwood High School.

When asked what her future goals are, without hesitation, Kenianne answered "to show at all the big shows." Also, after high school, Kenianne would like to enroll at Delaware Valley College and further her studies in the agricultural field. Stating that she regrets the fact that Fleetwood Schools do not offer an FFA program, Kenianne still is considering an ag teaching career, an Extension service poistion, or a career in the field of health assistance.

To first-year 4-H'ers and any young person interested in showing beef breeds, Kenianne gives this advice: "It is better to start with a small steer or heifer - either Hereford or Shorthorn. And do not be afraid to ask for help and to make friends."

Adding that she has pen pals from "all over," Kenianne states that meeting and talking with other kids and making new friends at all the shows is one of the best "extras" of 4-H. "Without the new friends you meet, being involved and showing would not be half as much fun."

You will see Kenianne with "Maggie," "Vanessa," "Victoria," "Candy," and "Mary Ellen" at the 1983 Farm Show doing what she likes best - showing her animals and making new friends.

Besides showing beef cattle, both heifers and steers, Kenianne has been successfully showing hogs for four years. Admitting that these tanbark partners are sometimes less cooperative when under the judge's scrutiny, Kenianne says her secret in getting them to show well is bribery. The hogs love chocolate chip cookies, she says.

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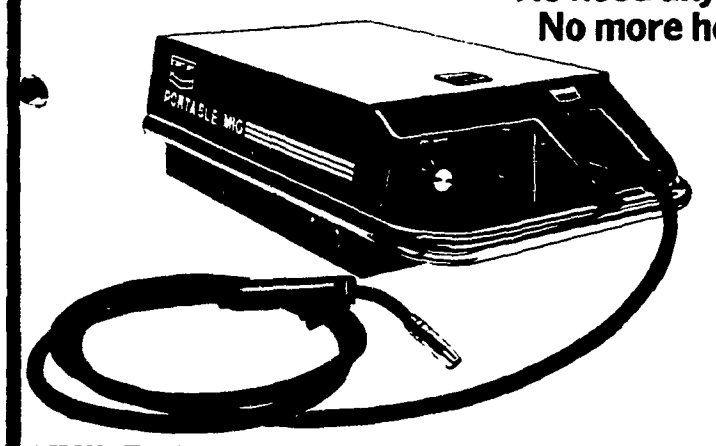

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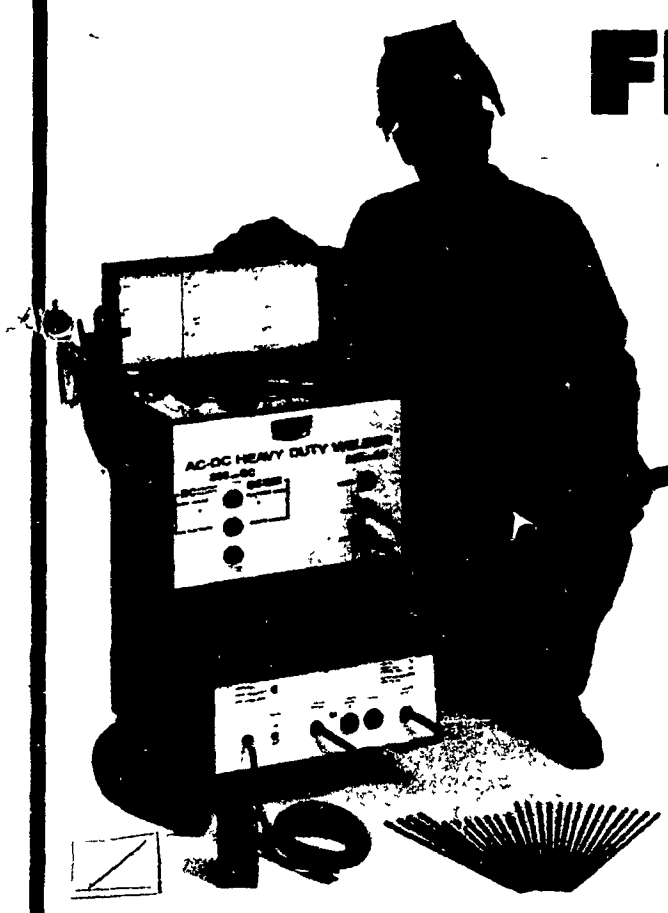

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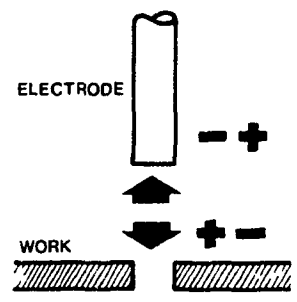

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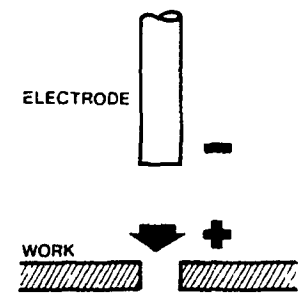

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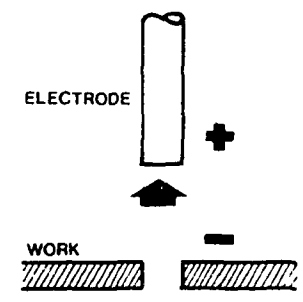

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CENTURY

Fires

(Continued from Page A1)

went as high as $150,000, and included a tractor, various pieces of farming equipment and approximately 33,000 bales of hay and straw.

"It's a terrible thing," Gray says, recalling the hours he'd spent, and the labor paid out, to fill the five-bay barn with hay and straw. "Farmers have enough problems as it is without having their barns burned."

First fire reported was south of Stewartstown at 1:05 a.m., with that town's Eureka Company responding to the blaze at a barn owned by William Pyle. A car, boats, tractor and small amount of hay were reported lost at that Wiley's Station burning.

A portion of the Eureka Company, joined by forces from other neighboring companies, then answered the second report of a fire at the James Quesenberry barn, also in Hopewell Township.

The third report was of a barn on fire along Dutton Road in Shrewsbury Township, owned by George Yannakakis of Baltimore. From farther west in Shrewsbury Township came the fourth call, to a wagon shed on the property of Leo Keller, Waltimyer Road, New Freedom.

Quesenberry's and Yannakakis' barns were both reported filled with hay.

Following the fifth report at the Gray property, a sixth fire call sent Baltimore County fire companies to battle flames in the barn owned by Marion Hale, on Stable Church Road. Reported lost in that blaze was a cornpicker and other farm equipment.

This latest series of suspected arson fires follows a "pattern" that residents say is typical of more than a dozen similar blazes in the past two years. Most have started during the early hours of the morning, in rural barns located near a road. On April 22, 1982, three barns burned in the Shrewsbury-Stewartstown vicinity.

Trooper Boyle suggests that rural residents pay careful attention to any suspicious cars they sopt and record license numbers of strange vehicles.

"But you're talking about 1 or 2 a.m., when there aren't many cars out on the roads, or people to see what's happening," he adds.

While the open, accessible nature of barns makes them vulnerable, the use of security measures such as night lights, dogs, and locks on doors can add to the property's safety.

Investigators believe that in several of the barn blazes, an incendiary device was tossed through a window. They recommend farmers screen barn windows that face roadways.

Persons with any information about the barn fires are urged to contact the Pennsylvania or Maryland State Police. A reward of up to $5,000 is being offered by the Arson Hotline, a fund created by several insurance companies. Persons with information can call the Hotline toll free at 1-800-462-0322.

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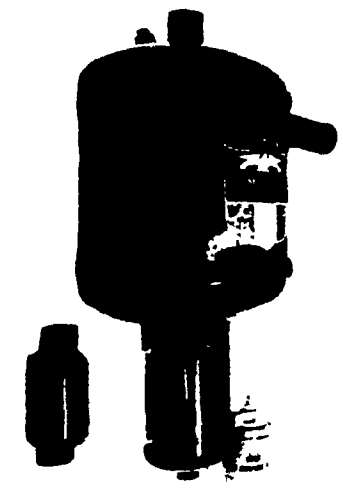

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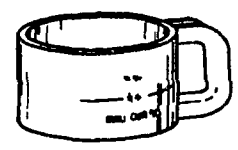

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Silo plummets

(Continued from Page A22)

finances, the family gladly "sat back and watched" as the silo company took over the responsibility for cleanup and replacement of silo and feed.

According to Penn-Jersey's Bob McLean, what caused the silo to fall was a phenomenon known as "bridging." He explained that the ground high-moisture ear corn, which is a semi-free flowing material, created a shifting pattern in the feed inside the silo due to uneven unloading.

"The internal load shifted and put stress on the structure," McLean said, pointing out that this is the first case of its kind experienced by Penn-Jersey in more than 1,500 silos the company has constructed.

What is presumed to have happened is that while the Kralls were unloading the high-moisture corn, a gap in the feed layer was created — leaving a bridge potentially eight tons wide between the suspended feed layers. When the upper layer finally dropped down, a vacuum sucked the air-tight Harvestore's panels in, causing a buckle about 15 feet off the ground. The pressure of the shifted weight-load on the panels eventually caused the silo to split and fall to the ground.

McLean stated that various factors could have led to the bridging condition in the ground ear corn — moisture, length of cut and grinding, filling patterns, and outside temperatures.

Although McLean stressed the company is "not pointing its finger at anyone" for the structure's implosion, he hypothesized that if the signs of bridging had been noticed by the farmers after the silo was refilled in November, there may have been a possibility of "working the unloader pattern differently to pull feeds off different sides of the silo." He recommended farmers work closely with their structure sales people so that best management practices can be followed.

When the silo broke in two early Tuesday morning, roughly 400 tons of ground ear corn were stored in the structure. McLean explained that the corn which spilled to the ground as the silo was rent in two was discarded on another farm owned by Krall. He said that because he had no experience with this sort of situation, he didn't want to salvage any of the fallen corn and take a chance on having metal or other foreign materials in Krall's dairy feed.

The feed which stayed in the upright remains of the 80-foot tall silo were unloaded and sold, said McLean, adding that crews

(Turn to Page B38)

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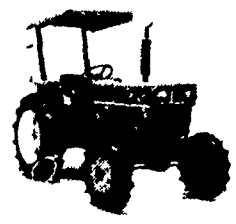

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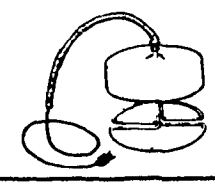

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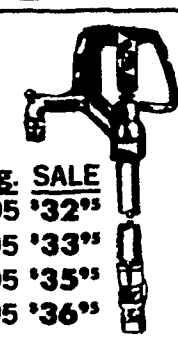

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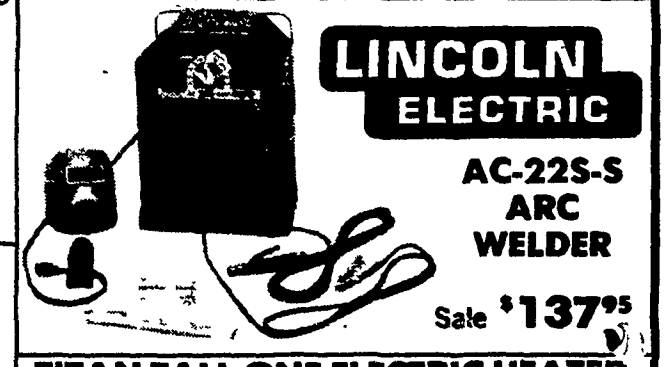

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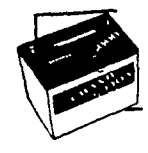

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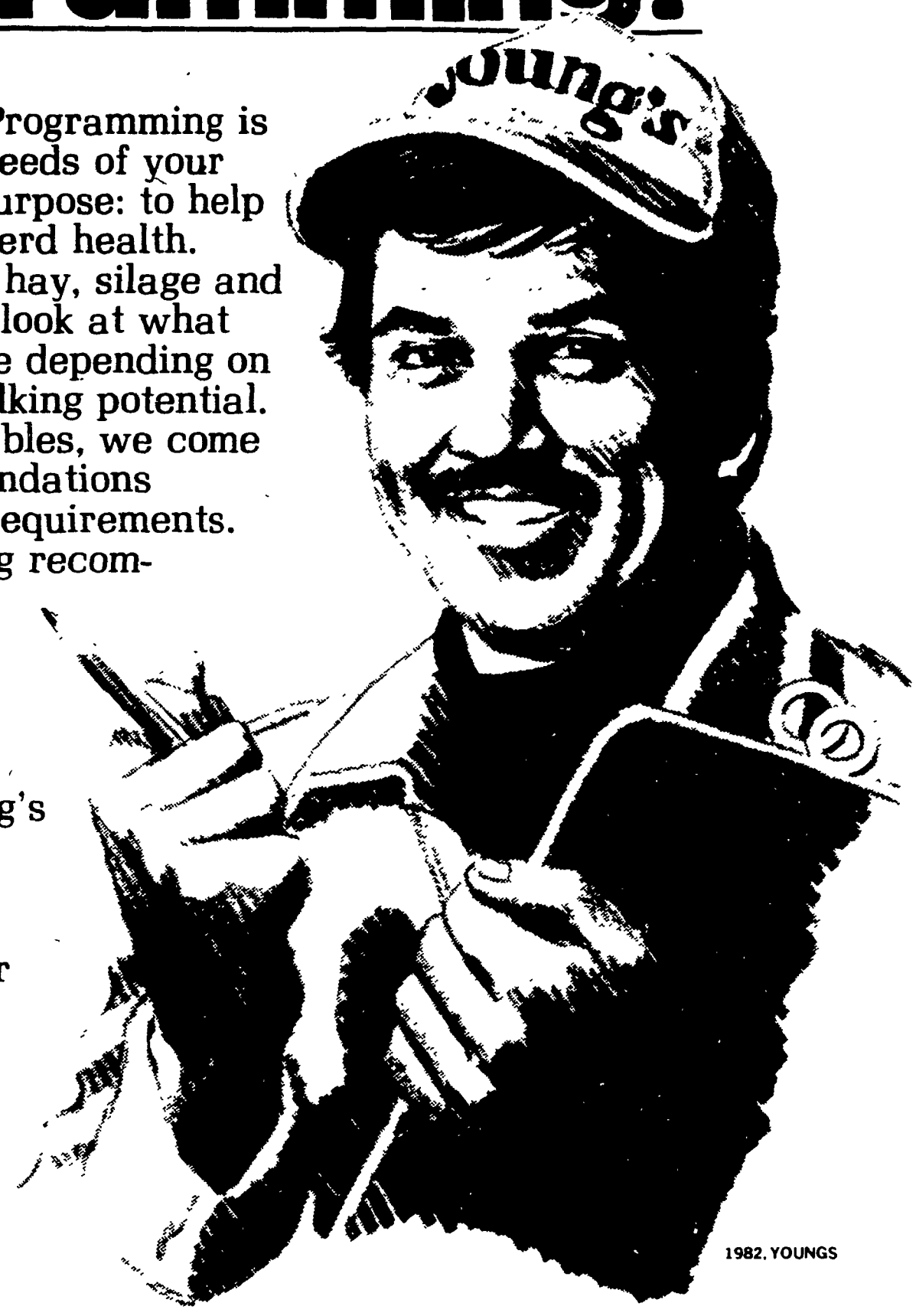

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York dairy farmer

(Continued from Page A20)

storage pit have been added to the stall barn which had been built for his herd by the previous Amish dairyman.

Acreage on the farm totals 50, with about half of that tillable and the remainder in woodland. Corn for silage is the only major crop planted, and additional silage and all other feed components are purchased. Plantings of rye now on the ground will hold the soil against winter erosion and then be chopped for ryelage in spring.

Machinery investment is kept to a bare minimum. One small tractor handles the pull-type gutter cleaner mechanism, and a still-unused hay elevator will facilitate bale moving if needed. With freedom from equipment upkeep and repairs, McCaffree can direct all his energies toward his most pressing concern: fine-tuning his high producers with tri-daily milking.

"It is a lot of work," McCaffree says of the 5 a.m., 1 p.m. and 9 p.m. schedule of milking 45 cows. But in addition to the whopping herd average of 21,580 milk, 759 fat, he sees the added bonus of better udder health as an equally important reason for that third round of milking.

A high school age assistant handles the milking chores about a third of the time, and extras are kept to a minimum during McCaffree's late night session in the barn.

"We can observe cows more often, and catch more heats. And, if I can get help at the mid-day milking, I have the entire day to buy hay, or haul feed, or work at whatever needs to be done."

Some of that time has been spent remodeling the farm home for the family, which includes two-year-old Jared and baby Jessica. Holly, who also holds a master's degree in agriculture after studying at DVC and Penn State, could teach if she chose to do so, but says she sees but raising their youngsters as a far more important full-time job.

Both, in fact, are exuberant that they finally have their own farm on which to raise their youngsters.

"How many people get to stay home with their kids?" ponders the dairyman as he hugs a wiggling Jared. "When you work for yourself, you can do what's most important for you."

Also important are all those years of studying, teaching, and the wealth of dairy background that McCaffree has acquired through his research and experiences. To harness and keep fresh that knowledge, he's set up a private farm management consulting service, aimed specifically toward boosting production in 9,000 to 12,000 pound average herds, through improved feeding and health management techniques.

Should the consulting service needs someday demand it, a computer might eventually be in store for the McCaffree's herd and management uses.

It's with special pride that McCaffree points out to visitors a picture that hangs in a place of honor on the wood paneled walls of the farm home.

A precious family heirloom, the hand-painted picture shows a herd of Ayrshire cows coming from a pasture. It was painted by his grandmother, and portrays part of their Kansas farm herd, where Jim McCaffree first learned to appreciate fine cattle.

"I thank my grandfather for getting me into cows."

Meet the other dairy judges

BY DONNA TOMMELLEO

HARRISBURG — On Tuesday, the five major dairy breeds (Ayrshire, Brown Swiss, Guernsey, Holstein, Jersey and Milking Shorthorn) will have their day in the Farm Show's large arena. Friday will be a Farm Show first as dairy goats vie for Best in Show honors.

Lancaster Farming now introduces you to the remaining three Farm Show dairy judges.

David Dickson

Milking Shorthorn and Holstein exhibitors will get a good look at David on Tuesday and vice versa. An Extension dairyman with the University of Wisconsin's DHIA program, David is no stranger to the Farm Show tanbark, having judged in the 1982 Pennsylvania All American. David's judging credentials trace back to 1961.

Although he makes his home in the Dairyland, U.S.A., David hails from the Northwest Pacific. His father and brother maintain the family's Ayrshire farm in Everson, Washington.

David received a B.S. degree in Dairy Science at Washington State University in 1961 and within the next four years completed his Masters and Doctorate degrees in Dairy Science at the University of Wisconsin. This year's Farm Show judge has done extensive research on dairy cattle behavior.

Additionally, he has published guidlines on "Keeping Cattle Comfortable at the Fair" and "Showing Is More Than Leading."

Dickson explains that it is important to assure the show string of adequate space. He suggests lining cattle up from the smallest to the largest.

"It's necessary to attend the cattle at all time. Don't just dump them and go to the midway," he says. A potential buyer may be interested in an animal and it's a good idea for someone to be there to answer questions.

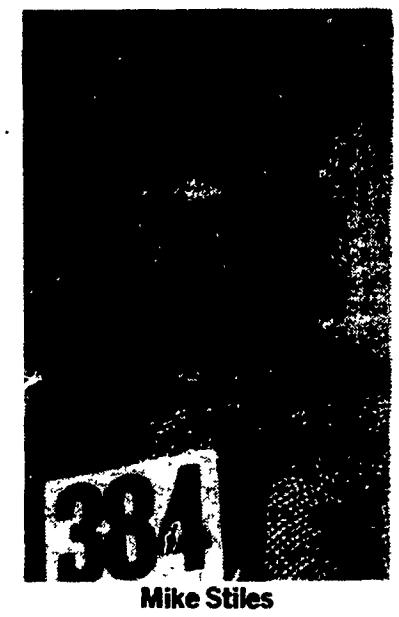
Out on the tanbark, David will be looking not only for a sharp dairy cow, but a knowledgable handler as well.

"If a cow is well trained and handled well, she's really going to get a good look," he says.

"It's more difficult to evaluate an animal that is not under control," David adds.

For potential exhibitors, David offers the following guidelines:

- Know where the judge is in the ring;
- Create a situation where the animal is in the most favorable position;
- Know the high and low spots in the ring;
- Never get in a position where the animal's front feet are in a hole;
- Get the animal in line in a hurry.



Mike Stiles

"This is a judging family," says the Clearbrook, Virginia native.

Mike Stiles, along with his brothers Ken, Paul and Tracy have all had an opportunity to tag one grand champion or another. On Tuesday, Mike will have the distinction of choosing the top Guernsey and Jersey.

An approved National Jersey judge, Mike began judging about 16 years ago and was a member of the 1967 National 4-H dairy judging team. As he moves from the Guernsey Show to Jersey competition, Mike says he'll be looking for the same type of cow.

"In all the major breeds, I look for a good sharp dairy cow with a good udder. She has to show the ability to milk," he explains.

When he's not on the road judging, Mike can still be found in the show ring leading the family's Waverly Farm Jerseys.

In the past the brothers have competed in the Pennsylvania All-

(Turn to Page A38)

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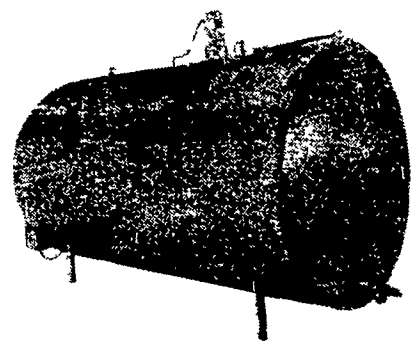

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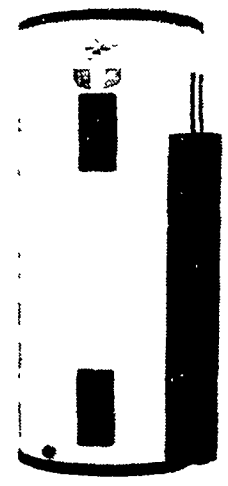

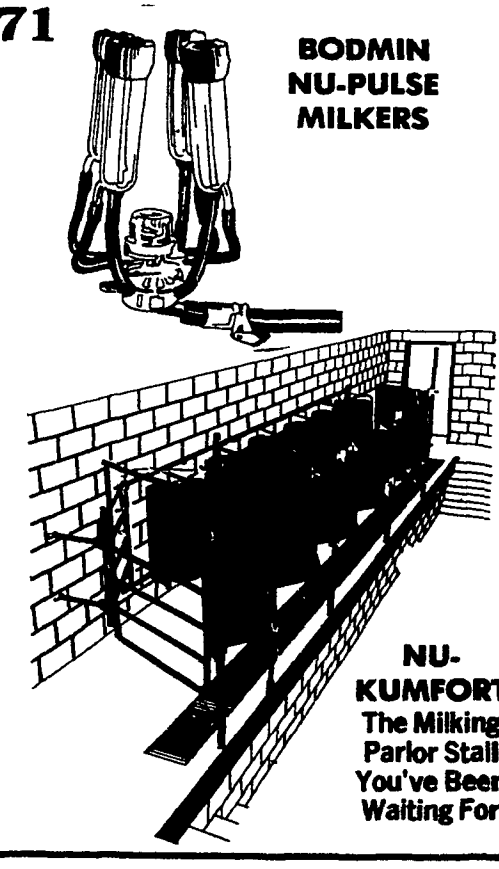

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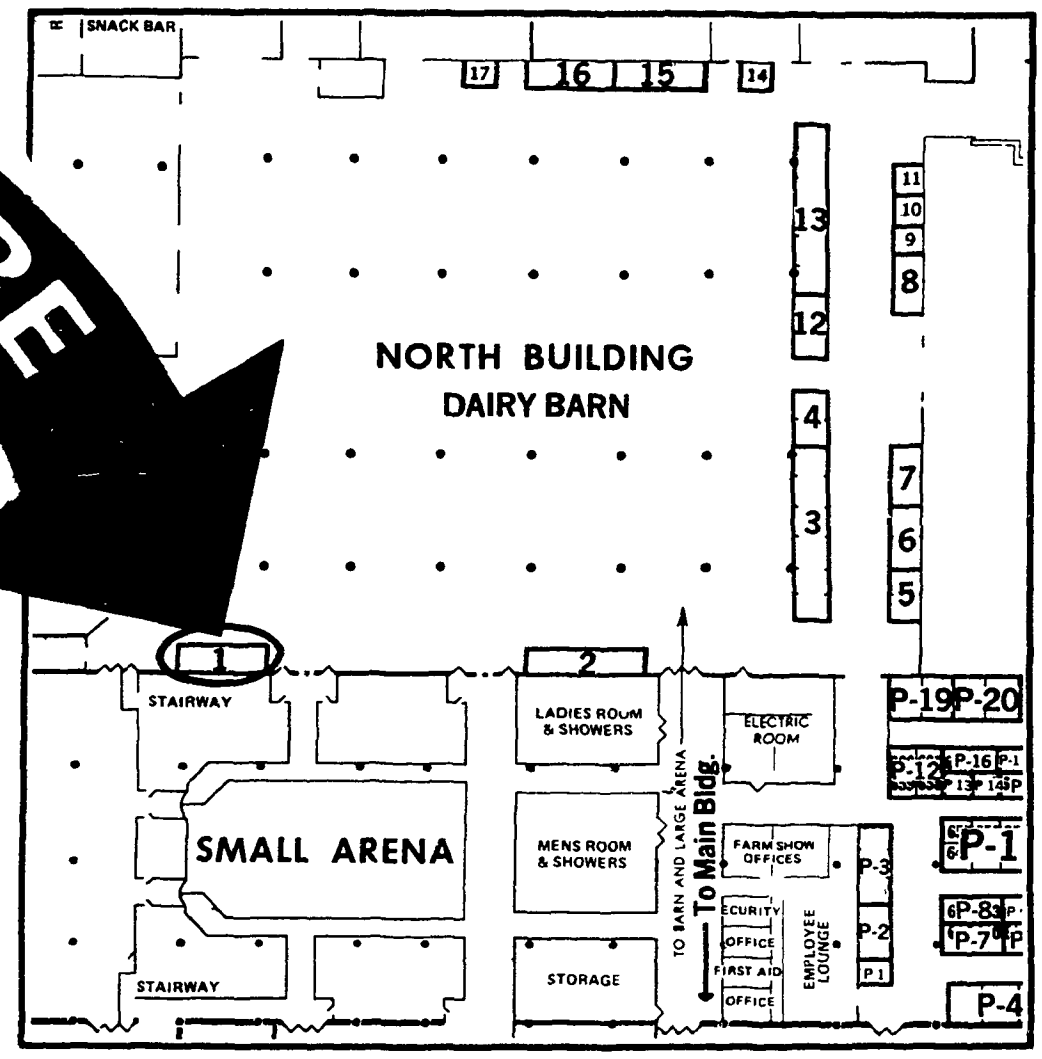

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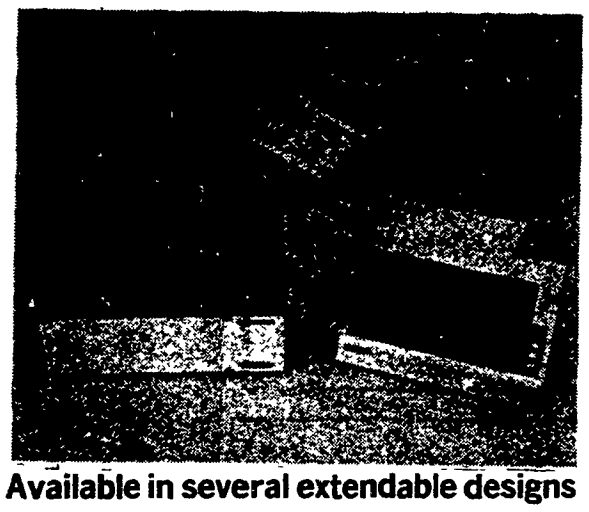

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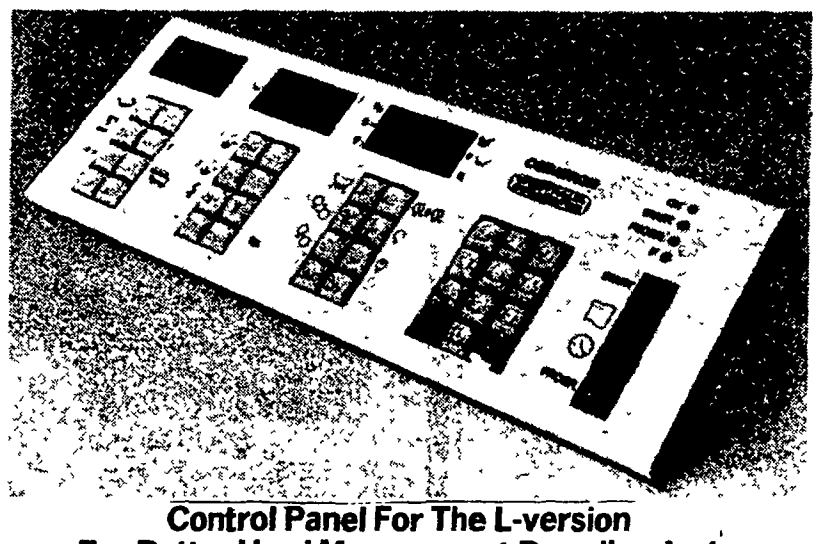

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Dairy judges

(Continued from Page A36)

American, Maryland State Fair, North Carolina State Fair, Virginia State Fair, the Montgomery Co., Md. Fair, and the North American International Livestock Exposition in Louisville, Ky.

This year, the Waverly Farm show string produced the Grand Champion bull and Junior Champion heifer at the All American. In the Lousiville competition, the Stiles brothers earned the Premier Breeder banner and claimed the Res. Junior Champion heifer and Res. Grand Champion Cow.

Mike, Paul, Tracy and Ken currently milk 155 registered Jerseys. All the brothers, says Mike, have been active in 4-H at very early ages.

This year, the torch passes to a new generation as Mike's step-daughter Laura begins her first year as a 4-H member.

Mike resides in Clearbrook, Va. with wife Patricia, step-daughters Laura and Claire and daughter Holly.

Terri Wigle

Next Friday, 26-year-old Terri Wigle from Keymar, Md. along with 103 dairy goat exhibitors will be a part of Farm Show history when the first dairy goat show gets underway.

A licensed American Dairy Goat Association judge, Terri is a six-year veteran in the judge's box, but her affinity for the animals dates further back.

As a 4-H'er, Terri completed project work with her Quarter Horse. But when she met her future husband Brad Wigle, who had goats, Terri started working with the lively animals.

After they were married, Terri and Brad operated a 250-head Grade A goat dairy. The dairy, which included all five goat breeds, served the needs of health food stores and small grocery stores near Washington D.C., northern Virginia and Maryland.

The Wigles have sold most of the herd, since Terri will be pursuing a Biology degree at Hood College.

Today, their Hiloc herd includes about 40 goats, of which many travel to several shows a year. Additionally, Terri and Brad merchandise a number of kids.

Terri reports the Hiloc herd traveled to 16 shows, this year. Terri, herself has traveled from New York to Florida as a judge, where the shows ranged from 150 entrants to 600.

"This was one of our better years. We've got quite a few permanent champions," she says. When the tanbark dust settled, the Wigles finished with about a dozen best does in show.

When she judges the Farm Show contingent, Terri will be following four-part ADGA score card which includes: the mammary system; dairy character; body capacity; and general appearance.

In their Keymar home, Terri, Brad and daughter 13-month-old Domini Marissa, reside at Terrarubra, the 150-year-old birth place of Francis Scott Key.

Silo plummets

(Continued from Page A34)

worked for 24 hours and finished early Thursday morning.

Now that the spilled corn and crushed silo panels have been removed, where does that leave the Lebanon County dairymen who had counted on that feed? According to McLean, Penn-Jersey hopes to have a brand new, 20 x 80 Harvestore standing where the one-year-old structure had been by today — that is if the atypical weather holds out long enough for the construction crews to complete their work. And the silo company will be replacing Krall's ground ear corn with high-moisture shell corn.

McLean said the fact that the company is ready to rebuild the same structure on the same spot answers the question in some farmers' minds: "Is 80 feet to high a silo for ground high moisture corn?"

In summing up the mishap, McLean referred to a remark made to him by John Krall after the silo fell: "He said no one likes problems, but we have to take the good with the bad. It's how people respond that's important."

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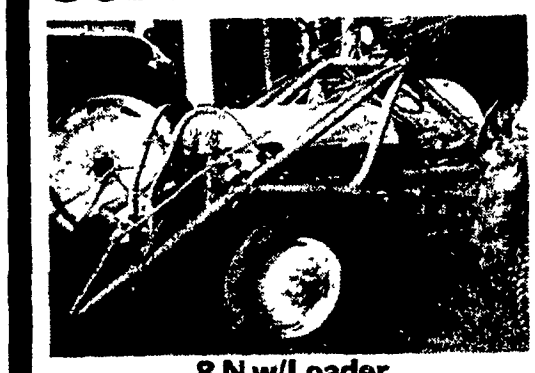

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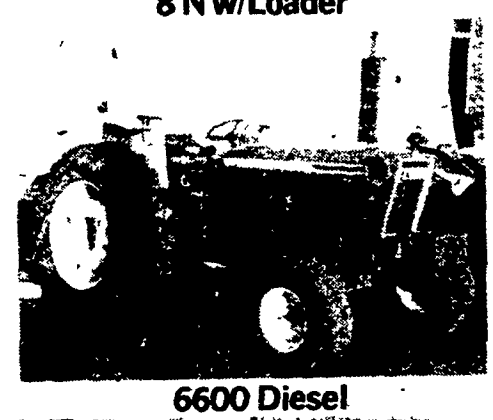

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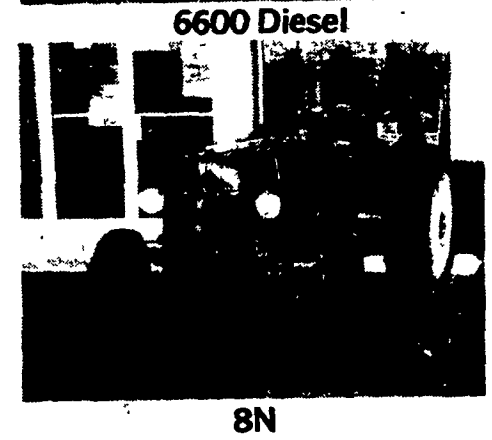

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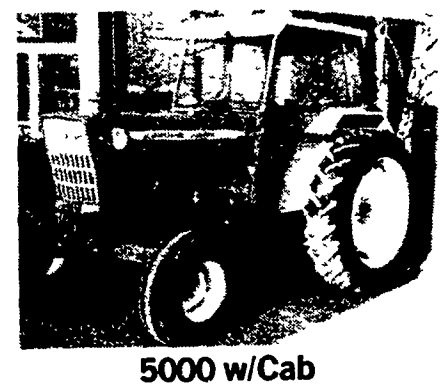

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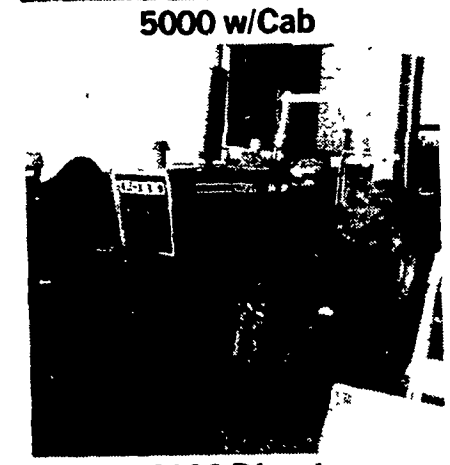

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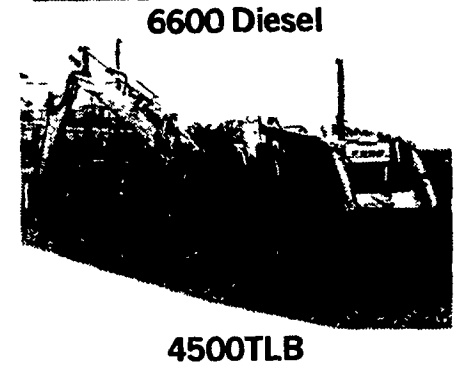

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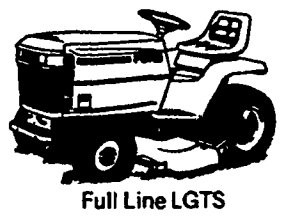

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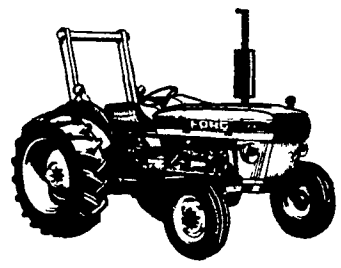
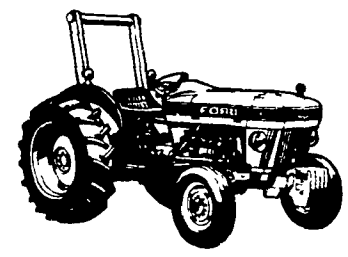


Ford 2310 Tractor



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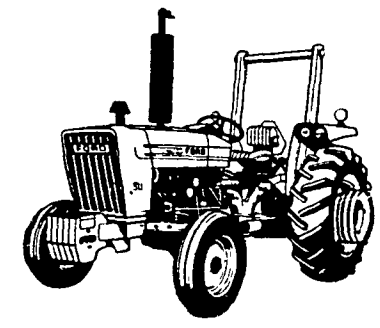

Ford 4600SU Tractor
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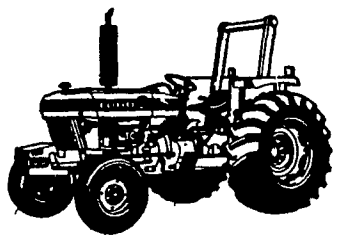
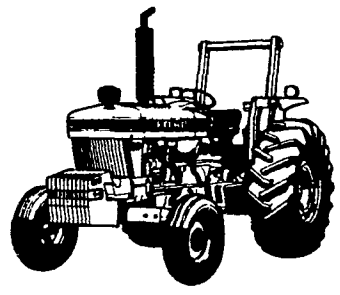
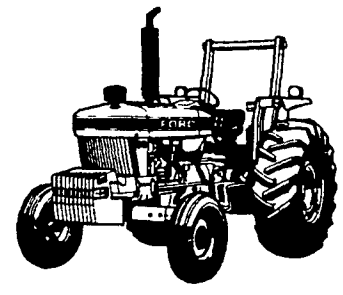


Ford 4610 Tractor

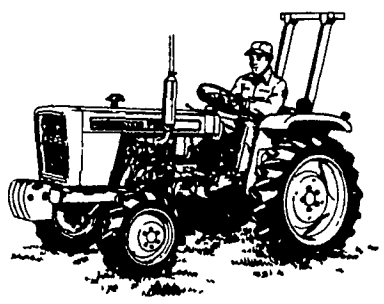


Ford 5610 Tractor



Ford 6610 Tractor

16-hp Ford 1300



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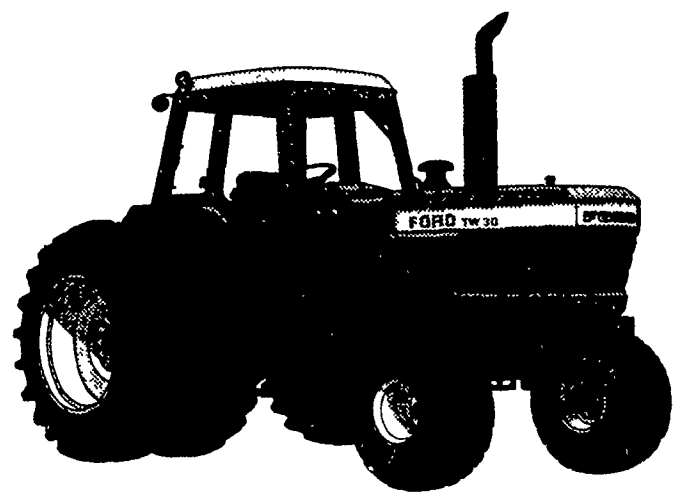

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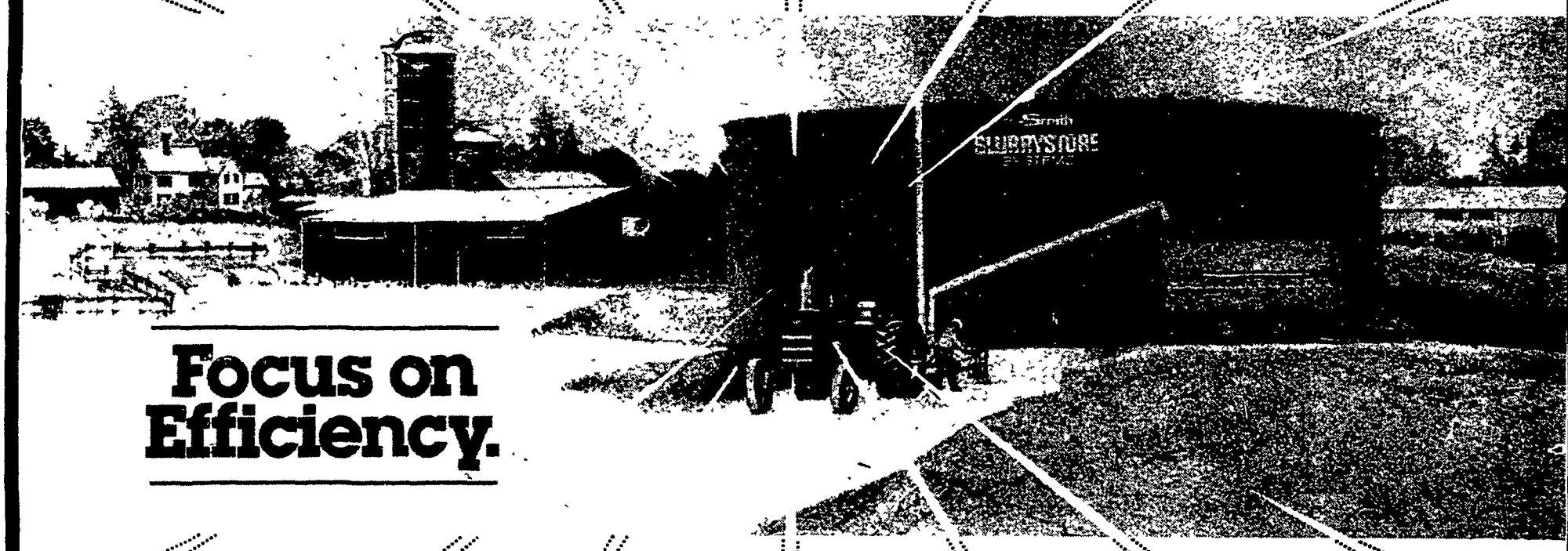

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Mother, daughter-in-law, proud of Master Farmer husbands

By Sally Bair
Staff Correspondent

Amy and Rosene Bollinger will be among the proud wives of Master Farmers during Farm Show week when they see their husbands Harold and Donald receive their official awards during the annual luncheon, Tuesday.

For both of them it will be a proud moment, and one which they feel their husbands justly deserve for the hard work they put in their dairy and poultry partnership near Schaefferstown in Lebanon County. Harold is the eighth and Donald is the ninth generation to live and farm continuously at that location.

Donald's wife Rosene expresses her pride this way, "It is really an honor. I think it is the master's degree in farming." Amy agrees, "I think it's great for Harold and Donald."

Both Harold and Amy, and Rosene and Donald met at Senior Extension functions and married, and both wives have contributed in their own way to their husband's success.

For Amy it has been a supportive role, for she now has her own profession as a school nurse.

She explains that she probably would have gone to college and become a teacher but it was far more expensive than nurse's training so she chose to be nurse. "I'm glad I did. I enjoyed it," she says.

She did not go directly from school to nursing, but worked first in homes, helping with children, cooking and cleaning. "I earned some money and used it for nurses training," she explains. The experience was also helpful to her when she was called upon to cook for large crews of men who helped with harvest on the farm.

She chose to go to Philadelphia General Hospital because a classmate had gone there. It was located in downtown Philadelphia, but the girls were protected. Amy recalls, "We were limited. We weren't allowed to go out. In the first five months we weren't even allowed to go home."

After graduation, Amy says, "I was always interested in public health nursing so I took a three-month course at the Contagious Disease Hospital and then stayed for a year and a half. It was all good experience." In fact, the hospital is no longer in existence, since immunizations made many contagious diseases a thing of the past. "We had a lot of scarlet fever and some diptheria and polio." She even helped on a case of leprosy.

After her marriage to Harold, she worked at the Elizabethtown Crippled Children's Hospital which provided her with a room, and she commuted to see him. In 1943 she and Harold set up housekeeping and she gave up her nursing job in Elizabethtown.

Having been raised on a farm in South Annville Township, Amy had been in 4-H as a child, taking projects in cooking, furniture refinishing and sewing.

In the early years on the farm, Amy recalls, "I didn't help much at the barn but when Harold tapped on the pipes I carried hot water to the barn." The hot water heater was located in the house.

The Bollingers have three children - Donald, who shared Master Farmer honors; James, who is an urologist in Malvern; and Robert, who teaches transcendental meditation in the Catskills in New York.

When her youngest was three, Amy decided to help with expenses by working part time as a nurse at Good Samaritan Hospital. She later worked night duty at Lebanon Valley General Hospital when the boys started school and didn't need her as much.

All along, she kept up her interest in furthering her education and took courses at Millersville in the summertime and in the evening. When she received her B.S. degree, she began working as a school nurse for Eastern Lebanon County School district, where she's been since 1966. "At first it was not full time," she relates. Presently she works in four different elementary schools and the Grace Christian School which is Kindergarten through 12. "I like the work," she says.

As school nurse, she is responsible for coordinating the dental health education program and she has seen a very large reduction in the number of cavities. "I find that very satisfying," she says.

Amy is a member of the Eastern Lebanon County Education Association, the PSEA adn NEA, along with the Lebanon County School Nurses' Association.

While she worked she said, "The boys learned to help out and they learned about cooking and keeping house. I thought they should know that."

She says she's glad she could raise her sons on the farm. "It's good experience. I felt kind of guilty when they were in high school and had chores to do, but I think they need to be at home and feel a part of the family. Donald took a lot of responsibility right off."

Amy keeps a large garden with the usual vegetables and likes to sew, bake and cook. She also likes to do her own wallpapering and make her own drapes.

A member of Farm Women Society 9, she also attends St. Lukes Church in Schaefferstown with Harold.

(Turn to Page B4)

Amy looks at the story in LANCASTER FARMING on husband Harold and son Donald as Rosene looks over her shoulder. Both women are proud of being part of the family which was named Master Farmers this year, and are happily looking forward to attending the luncheon during Farm Show week.

Keeping the books is a job which Rosene is finding challenging and important to the operation. She stopped working off the farm last Spring and is becoming more involved in the day-to-day business at the farm.

Homestead Notes

Amy enjoys the many houseplants in her home, and waters them as part of her housekeeping chores. As a school nurse, her time at home is limited.

Rosene pours a glass of milk for her family to eat with their Christmas cookies as Donald watches. Stevie can hardly wait to dig in as Angela waits her turn.

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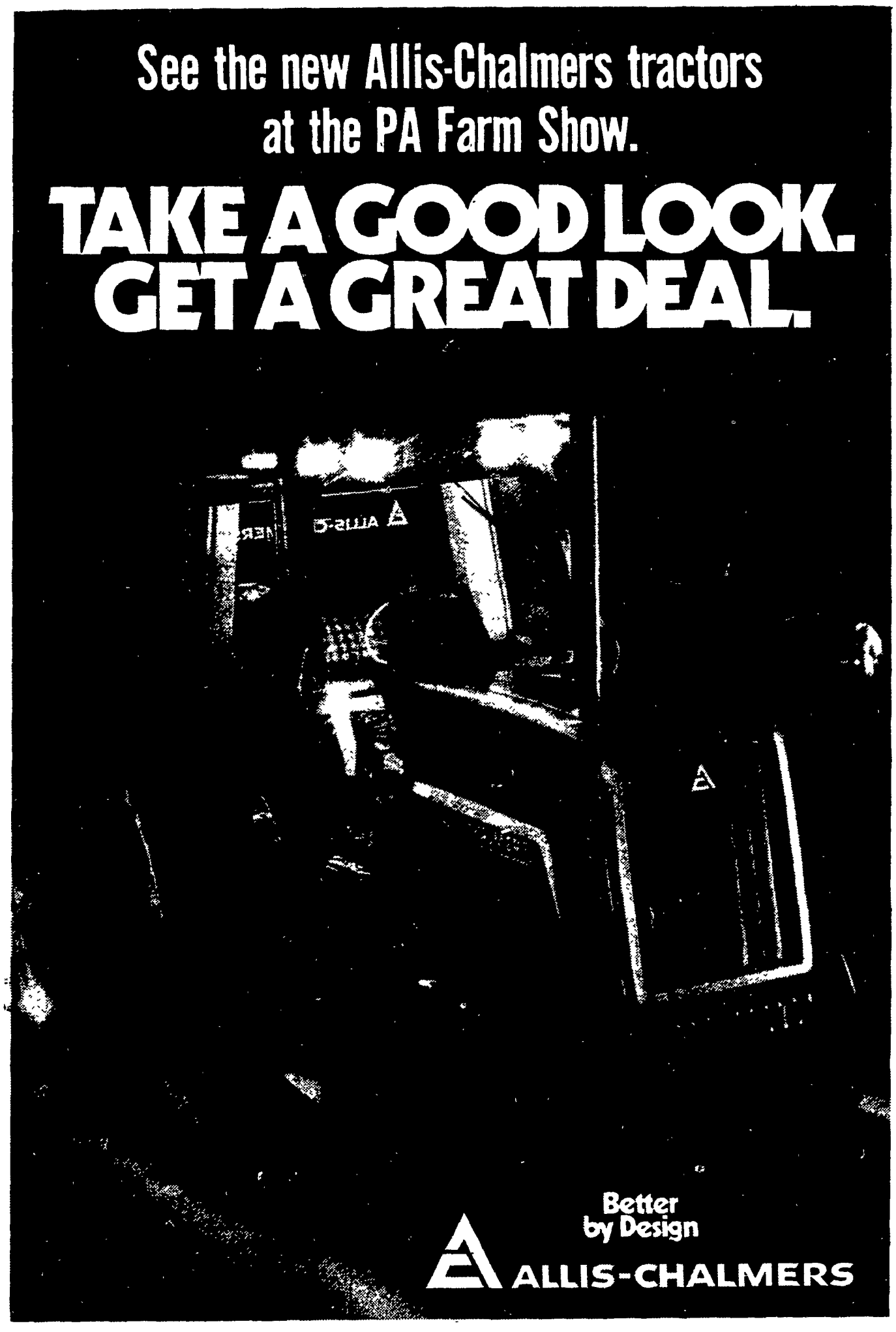

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Master Farmer wives

(Continued from Page B2)

The Bollingers have enjoyed traveling in connection with annual meetings of the Atlantic Breeders Cooperative of which Harold is a board member. They also traveled to Europe with the People to People program.

Daughter-in-law Rosene has given up her off-the-farm job at Quaker Alloy and is doing the bookkeeping for the partnership. She feeds the claves and will slowly become more involved with the barn work and other chores. She also helps when they have small chicks.

She says, "I dont' mind helping with chores. I know what it's like to work." Having grown up on a farm in a family of five girls and one boy, Rosene remembers working hard as a youngster helping her parents on the farm.

"I do enjoy the records. I just started keeping them since April when I stopped working, but I find them interesting. I feel I am a part of the operation. I am getting to know what things cost. Sometimes I feel like I'm back in school because when you are improving there is always something to learn."

Rosene feels she can be helpful to Donald in making decisions because "I can have an objective point of view." She says decisions are made in consultation with Harold, but she feels she can offer an additional point of view.

Rosene is concerned about the state of the economy, saying, "If you don't have good management I think more farmers are going to go up the spout. The key is really good management. You have to keep good records to know where you are coming or going. I think Donald's done a tremendous job and I would like to ease some of the work."

The mother of two children, Angela, 12, and Steven, 8, Rosene makes no secret of the fact that she hopes they will go into farming. Her children would make the tenth generation on the farm.

The children have their jobs around the farm too. It is Angela's job to feed the calves, although Rosene helps out on school mornings by feeding them for her. Stevie scrapes the barns in the

(Turn to Page B5)

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ASGROW PROOF

RX777 CORN

Summary of 1979-81 State Performance Tests
Comparing Asgrow RX 777 to Competitive Hybrids

Brand Name of Other Hybrids	Number of Other Hybrids*	Number of Comparisons: RX 777 Yielded More: Total	RX 777 Yielded More: % of Time	Average B/A Yield Advantage of RX 777
Cargill	7	414	64 7	5 5
DeKalb	19	538	69 3	7 8
Funk's	15	395	66 3	6 8
PAG	8	453	68 4	8 9
Pioneer	8	248	67 7	8 6

*All hybrids had to be in test in 1981 be within 2% of RX 777 s average moisture and compared in a minimum of five tests Comparisons for all hybrids of each brand are shown

Special Note Asgrow suggests that growers review State Test Bulletins for complete test results

A3127 SOYBEAN

State Performance Tests—1980-81

Variety	No. Tests	Average Yield B/A	A3127 Advantage B/A
A3127	21	50 5	5 8
Williams	21	44 7	—
A3127	23	51 0	4 6
Pella	23	46 4	—

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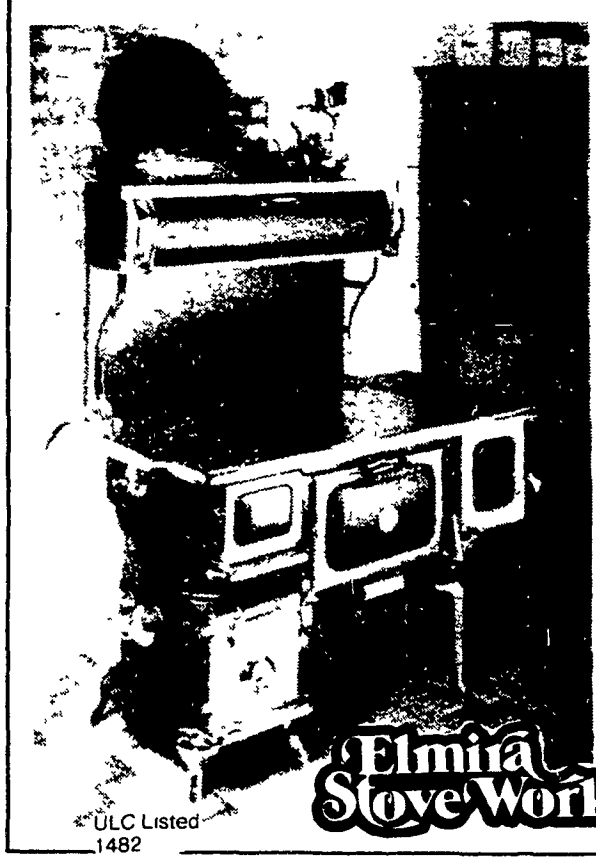

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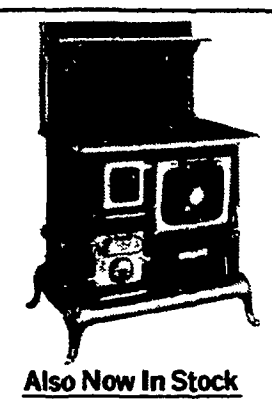

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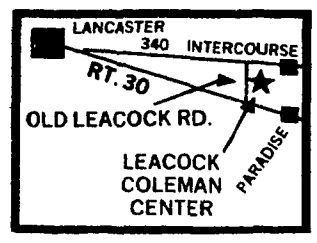

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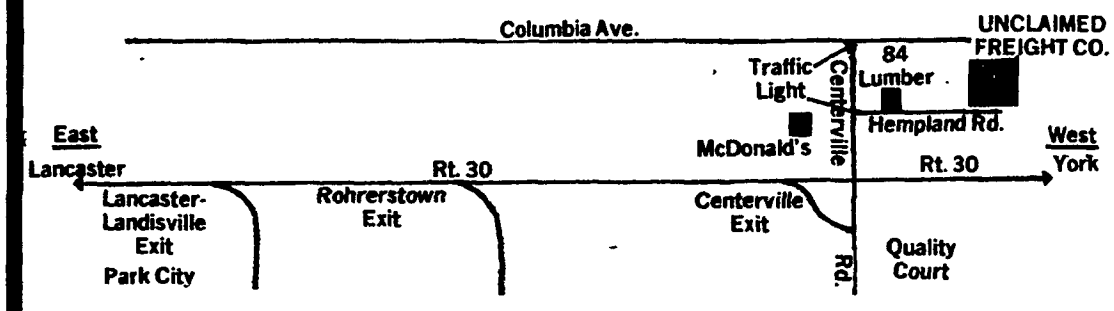

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Free booklets cover Pa. recreation and archaelogy

HARRISBURG — Archaeology and recreation are the topics of two publications now available from Rep. Kenneth Brandt.

"Help Discover Pennsylvania's Past" was developed by the Pennsylvania Historical and Museum Commission and the Society for Pennsylvania Archaeology as part of an effort to help citizens understand and preserve the prehistoric and archaeological heritage of the Commonwealth.

A chart summarizing much of what is known about various Indian cultures which once existed in Pennsylvania and information on becoming a member of the Society for Pennsylvania Archaeology are included in the brochure.

Brandt said the brochure is part of an effort by the society to reach citizens who have knowledge about archaeological site locations and artifacts or who want to share that information and/or learn more about them.

Outdoor enthusiasts will be interested in the latest edition of "Pennsylvania Recreational Areas."

The booklet contains a compilation of recreational areas administered by the Department of Environmental Resources.

The two free booklets are available at Brandt's offices, 25 East High St., Elizabethtown, PA 17022 and 461 Locust St., Columbia, PA 17512.

Master Farmer wives

(Continued from Page B4)

evening. Rosene said, "I think it helps them to have responsibility. It shows that everything is not just handed to them. The farm is the best place to raise kids. They have to work and they get to know responsibility."

Rosene is one of those girls who said she'd never marry a farmer, but now she's glad she did. She readily admits, "It's so different from when I was a youngster."

Angie is a member of several 4-H clubs and Steve will join this year. They both take organ lessons.

A member of Farm Women Society 9, Rosene is also a member of St. Luke's Church where the children are in the choir and the Senior and Junior Luther League.

Rosene is plenty busy without working off the farm and without getting more involved in the farming operation. She likes to sew, do macrame, crewel and crotcheting. She recently took a course in cake decorating, about which she says, "It was just a joy."

In the summer, much of her time is taken up with a large garden, and she enjoys canning and freezing the produce.

Looking forward to the honor for Harold and Donald next week, Rosene says, "I think it is the most exciting thing that's happened since we got married and had kids. I helped put together the application so I know the work that went into it."

Donald is no stranger to awards, having won many over the years for production and other achievements on the farm, but Rosene concludes, "He has proven to himself that all the years of work paid off. This is just the icing on the cake."

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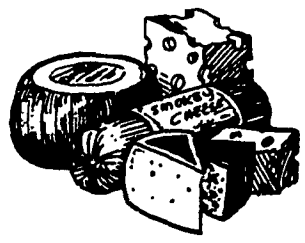
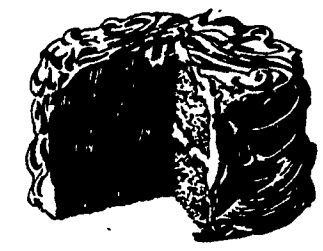


Home On The Range



Soup kills the chills

When you see how well soup and toast satisfy in chilly weather, it's a good reason to plan more meals like that. You may, of course, have other reasons, such as economy and the warmth of a simmering soup, or its appetizing aroma. . . but those just make soup and bread the stars of the menu.

If you're having friends or relatives over for lunch, consider serving soup instead of a large, tedious meat dish. Soup adds nutrition and good taste all in one bowl and adds color to your table.

With the soup, serve Italian Cheese Toast which are open-faced Italian bread slices drenched with Monterey Jack and Parmesan cheese, capped with anchovies or olives. The recipe is included below.

Complete this homespun menu with a jug of chilled milk, some fruit and cookies and take a bow!

ZUCCHINI SOUP

2 qt. sliced zucchini, not peeled
2 c. chopped celery
2 T. butter
1 medium onion
4 chicken bouillon cubes
3 c. boiling water

Fry chopped onion in butter until just golden. Add bouillon dissolved in hot water. Add zucchini and celery and cook until tender. Cool. Put in blender until blended. Season with salt and pepper. Reheat and serve, or freeze for future use.

Mrs. Ralph Martin, Harrisburg

ITALIAN CHEESE TOAST

Place bread slices on baking sheet, toast lightly on both sides; butter one side. Sprinkle buttered side with Monterey Jack cheese, top with Parmesan cheese. Place under broiler 1 to 2 minutes, or just until cheese melts. Top each slice with two anchovies or several olive slices.

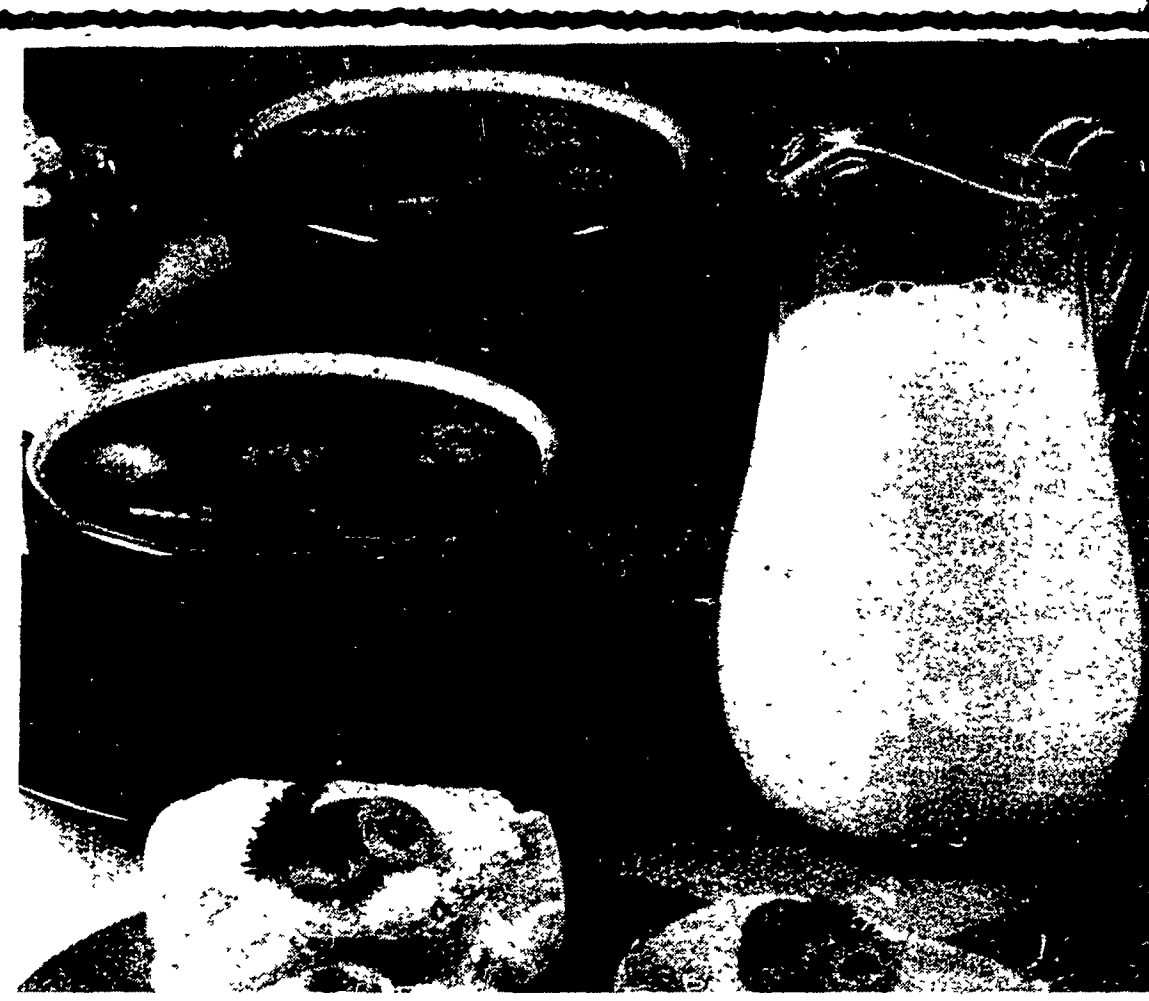
American Dairy Association

MINESTRONE

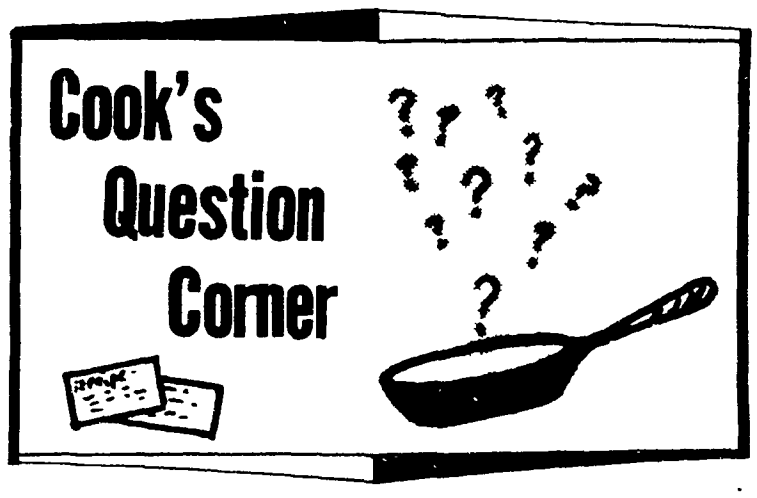
2 T. butter
3/4 c. chopped onion
3 cans (10 1/2-oz.) beef bouillon, undiluted
2 1/2 c. water
1 can Italian style tomatoes
1/3 c. tomato paste
1 T. basil, crushed
1 c. pared slice carrots
1 c. sliced celery
1 can garbanzo beans
1 c. sliced zucchini
4 oz. uncooked pasta

Melt butter in 4-quart Dutch oven or soup kettle; saute onion until tender. Add bouillon, water, tomatoes with liquid, tomato paste and basil; heat to boiling. Stir in carrots, celery and beans. Simmer, covered, 30 to 40 minutes. Add zucchini and pasta; cook uncovered an additional 10 to 15 minutes or just until pasta is tender.

American Dairy Association



Chase away winter chills with soup and cheese toast. This Italian Minestrone is best for all-around satisfaction because it's such a tantalizing combination of beef broth and vegetables. Find the recipes for both on this page.



QUESTION - Two of our readers are still looking for recipes for pepperoni and Italian hot sausage. Can anyone help?

ANSWER - For Ruth Emerson who requested a recipe for potato pie comes the following contribution from Emma Sheriff of Marysville:

SWEET POTATO PIE

2 c. smashed sweet potatoe
1/3 c. butter
1/2 t. salt
1 c. sugar
4 eggs, beaten
1 c. milk
1 t. cinnamon
1/2 t. nutmeg

Mix well. This makes two pies. Bake at 350 degrees.

Erma Sheriff
Marysville, Pa.

Recipe Topics

January	
15	Make it with an egg
22	Vegetable dishes for the winter
29	Chicken dishes
February	
5	Cakes taste great in winter
12	Keep 'em happy with fish

HAM-CHEESE POTATO SOUP

1 can condensed cream of potato soup, undiluted
1 c. light cream or half and half
3/4 c. milk
1 c. shredded Mozzarella cheese
1 small pkg. thinly sliced smoked ham, diced

Combine all ingredients in medium-sized saucepan. Heat over low heat, stirring constantly until cheese is melted and soup becomes hot, about 10 minutes. Do not boil.

United Dairy Association

ITALIAN GOULASH

1/2 lb. milk Italian sausage, cut in 1/2-inch pieces
1 c. sliced celery
1/2 c. sliced onion
1/2 t. oregano leaves, crushed
1 can chunky old fashioned bean with ham soup
1/4 c. water
2 c. zucchini squash cut in strips
1 c. quick-cooking rice, uncooked

In saucepan, brown sausage and cook celery and onion with oregano until tender. Add soup and water. Cover; cook over low heat 10 minutes. Stir occasionally. Add zucchini and rice; cook 10 minutes more or until done. Stir occasionally. Makes about 5 cups.

CREAM OF BROCCOLI SOUP

3 T. butter
3 to 4 T. onion, minced
3 T. flour
3 c. milk
1 c. vegetable water or bouillon
2 t. salt, speck of pepper
2 c. cooked broccoli, finely chopped
1/2 t. A-1 sauce
paprika

Melt butter in a double boiler. Add onion and cook over direct heat until tender. Add flour, stir until smooth; add milk and vegetable water and cook over boiling water until smooth and thick. Add seasonings, broccoli, and A-1. Heat and serve sprinkled with paprika. Soup may be put through a blender before reheating if finer broccoli is preferred.

Agway's Seed Division

To help cooks ease the mealtime preparation crunch, here's a hearty one-dish entree that can be prepared in less than 30 minutes. Italian Goulash. Add a simple green salad, some purchased rolls, soft cheese and seasonal fruit and you have a fine dinner that is time-saving, inexpensive and delicious.

FARMER'S SOUP

1/2 lb. cabbage, shredded
1/2 lb. potatoes, pared and cut in strips
2 carrots, scraped and cut in thick slices
1/2 lb. green beans
1 c. fresh or frozen peas
4 T. butter
1 onion, minced
4 T. flour
3 qts. white stock, chicken and vegetable stock (veg. stock cooked in same water vegetables are)
1/2 t. salt
1/4 t. salt

Cook all vegetables separately in salted water. Drain, reserving liquid for vegetable stock. Combine vegetable and set aside. Melt butter and saute onion until slightly brown. Stir in flour. Cook over low heat, stirring until mixture is bubbly. Remove from heat. Gradually stir in combined stocks. Heat to boiling, stir constantly. Simmer 20 minutes. Add cooked vegetables and heat. Taste for seasoning.

Genevieve Voneida, Muncy

MEATBALL SUPPER SOUP

1 lb. ground beef
1 t. beef bouillon
1 egg
1/2 c. milk
3/4 c. bread crumbs
flour as needed
2 T. oil
1 qt. boiling water
1 1/2 T. beef bouillon
1 pkg. frozen green beans
1/4 lb. egg noodles

Combine meat, 1 t. bouillon, egg and milk and crumbs. Shape into small balls. Roll in flour, brown in oil in large Dutch oven. Drain off fat, add water and remaining bouillon and green beans. Bring to boil and add egg noodles. Simmer about 15 minutes, until noodles are tender.

Barbara Russell, Pine Bush, N.Y.

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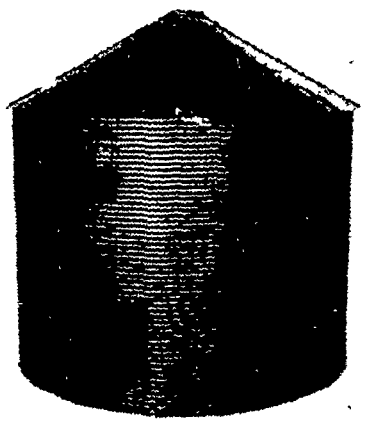

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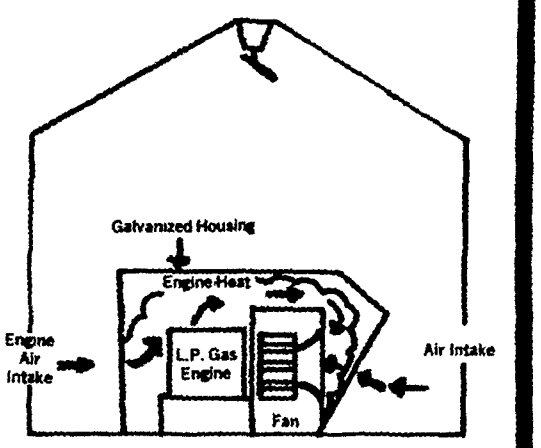

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Ida's Notebook

Ida Risser

This has been a busy holiday season for us as I'm sure it has been for many other families.

All of our children were home for Christmas except Nancy who lives in Seattle and she phoned several times. Philip drove from Wisconsin and arrived at 3:30 a.m. and therefore I discoved him in bed in the morning. He told us that it took him 18 hours to drive to college after Thanksvgiving as there was snow and ice on the roads. That's a long journey to travel alone without stopping.

Jeffrey arrived one evening, just after I'd done the dishes and stored all of the food in the refrigerator. But I'm accustomed to feeding them as soon as they arrive. I do enjoy cooking for my boys as they are good eaters and so I never have to worry about leftovers.

Our daughter Judy also stayed here with us for four days and so our whole house was filled. She and Cindy were a big help in the cooking department when we entertained our families. There were a total of 50 people on two different days and it resulted in happy commotion for a while. They came from as far away as North Carolina and Delaware.

My husband was glad for some extra help with barn chores. They managed to line a big feed bin with metal and moved the 5-H.P. compressor to the inside of the milkhouse. They did this while having a heat exchanger installed to save money on gas to heat the water. They also filled calf and cow stalls with more ground and stones. Some calves were registered before the end of the year and there was no time for anyone to get into mischief.

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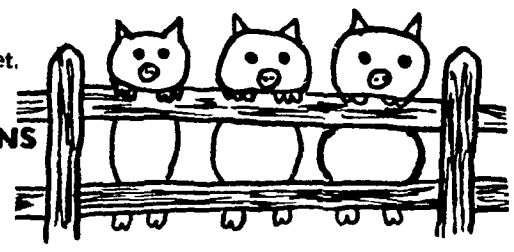

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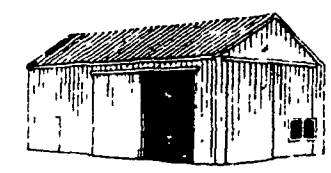

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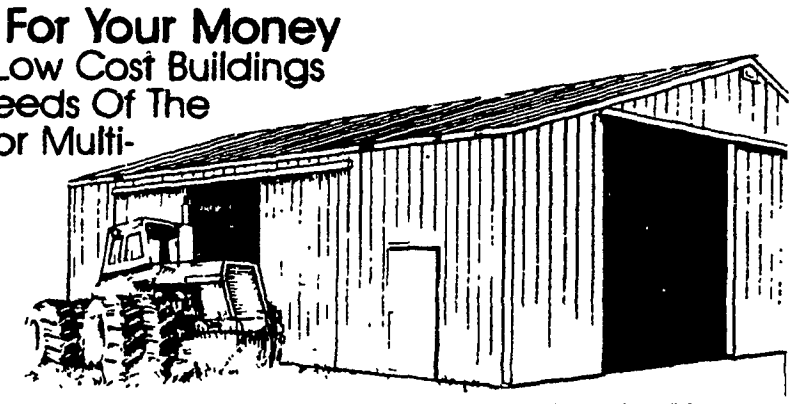

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January offers month of beginnings

BY DEBBIE KOONTZ

LANCASTER — January, named after Janus, god of doors and gates in Roman mythology, opens a bulging storehouse of opportunities for those who seek to start the year off on the 'right foot.'

Despite the leftover 'blues' and bills from Christmas' fervent rush, January is regarded rather highly among most people because it's the first month of a new year. . . a year of new hopes and beginnings.

As of the first day of this month, nobody (well, almost nobody) has yet had opportunity to make any painful mistakes or break any resolutions.

January, off to a flying start with New Year's Day, offers a mixture of customs, traditions, and sports on the first and the brisk pace continues on day two or three as the state general assemblies convene, and businesses begin the calendar year with new financial goals and, unfortunately, new and usually higher prices.

This month of beginnings comprises 31 days, and this year, five weekends, or as many people fighting the 'rat race' term it, five paychecks.

On the farming scene, January is not so well liked, however. To many farmers, Janaury means an endless procession of jump-starting machinery, battling frozen manure, and long, cold, often freezing wet tractor rides to distant fields.

And in the midst of all this chill comes Farm Show, notorious for its cold weather. For seasoned Farm Show attendants, it just wouldn't be Farm Show if it wasn't blowing snow and forming ice beneath their feet.

History has its share of special dates in this month, too. Stephen

Foster Memorial Day falls on January 13, the day of the composer's death.

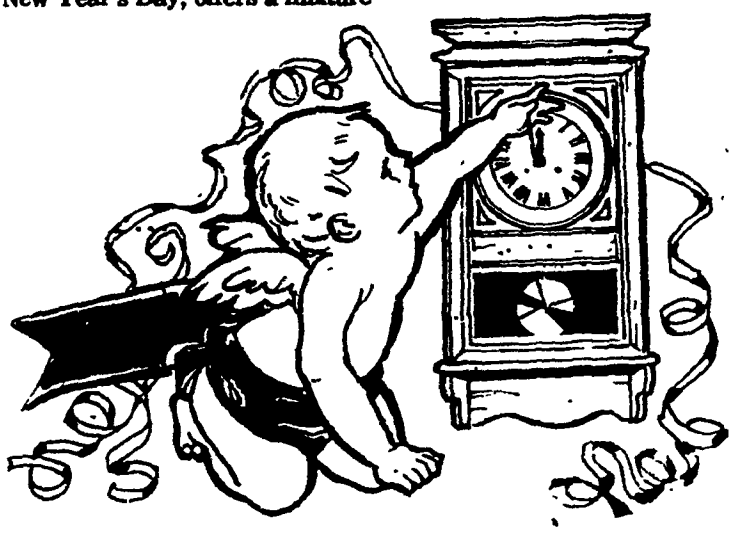
Some birthdates of patriots you may recognize also fall in January: Ben Franklin, Paul Revere, Betsy Ross, Robert E. Lee, Alexander Hamilton, General Douglas MacArthur, John Hancock, and Martin Luther King Jr. In the arts and sciences, brithdates of Thomas Paine, Virginia Woolf, and Edgar Allan Poe are recognized. Four presidents born in January include William McKinley, Millard Fillmore, Franklin D. Roosevelt, Richard M. Nixon.

The famous Tournament of Roses, still conducted on the first day of the year, began in January, 1890.

The first atomic-powered vessel, the Nautilus, was launched in January, 1954 and the United States began transcontinental telephone service in 1915.

One other date of signifigance occured in January, 1863 when President Abraham Lincoln delivered the Emancipation Proclamation.

New year, new sight, new hopes, abundant beginnings. . . January is here.



Ladies Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

Start Afresh Month

Among the many other things that happen about now is that we look back over the year . . . we think about the mistakes we made . . . the fun we had . . . and we evaluate the progress we made. And then we look ahead to a new year, and we promise ourselves to sail through it without upsetting our personal ships.

Perhaps we decide to follow the advice of one of our friends and make it the year we enter our own personal sweepstakes. Or we decide to read all the books and articles we didn't read last year. Also we might pledge ourselves to do one kind and thoughtful out-of-our-way thing each day.

Then, too, we set down certain resolutions we hopefully plan to carry out during the year. And some of these resolutions could range from the ridiculous to the sublime. But at any rate, we've made them.

January has a certain beauty about it . . . I like to think of it as 'start afresh month.' It's a month with all the freshness of the dew on a rose . . . the joyousness of launching an exciting new chapter in our lives. It's a challenge . . . this month of January of a new year. It's a challenge to correctly evaluate ourselves as we were last year . . . to plot a more useful and happier year . . . and to lay the foundation for successful and satisfying years to come. Let's think of January as the vital month that begins a new year . . . then ask ourselves "what are we going to do about it?"

Goals For Your Money

There's never been a more important time to set financial goals, and decide what you want to save for and how you'll go about it. Families with spending plans find their paychecks go farther and they can buy that new car . . . or home . . . easier and faster. To be effective, make goal planning a family affair, even the children should have a say.

This cooperation not only increases the sense of belonging and worth, it also helps insure the plan's success. Family members who are part of the process work harder to reach the goals, and they're also more willing to make sacrifices if necessary.

Compromise is a necessary part of setting goals. You must learn to balance your wants with what others want. It's tempting to try and do it all, but you'll only end up doing nothing. You must set priorities. Some things will just have to wait, but remember - financial goals aren't set in concrete - they'll change as your situation changes.

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Debbie Price greets Farm Show with Guernseys and goats

In honor of Farm Show's youth participants, we are featuring 17-year-old Debbie Price, a goat and Guernsey enthusiast, instead of our traditional Kid's Korner. But don't worry, Kid's Korner will be back next week with more pictures to color and more pets to get to know.

BY DONNA TOMMELLEO

YELLOW HOUSE — Somewhere along the line, Debbie Price, 17, managed to pick up a four-leaf clover, for it seems the youngster has a way with winning.

Two years ago, she entered an essay contest sponsored by Lebanon Valley National Bank and inked out why she wanted to become a dairy farmer.

For Debbie, the answer was easy. Life as a dairy farmer would help prepare her for her goal, that of a large animal veterinarian. The young author impressed the judges and as a result earned the grand prize — a registered Guernsey heifer, sired by Kellogg Minnies Choice.

But Debbie didn't stop there, she entered another essay contest to win a registered Nubian kid. She had to describe how she would care for the young goat. Her words worked again and consequently, goat and girl got together.

The Guernsey, Blue Mt. View Brownie, known affectionately as "Jessica" has developed into a mature dairy cow for Debbie. In the process, "Jessica" delivered a healthy heifer calf sired by Lone Palm TH Jupiter.

Likewise, "Penny," Debbie's Nubian doe has matured and delivered a set of buck twins.

Since then, the animals have accompanied Debbie to fairs at Kutztown, Allentown, Reading and Oley. In addition, Debbie's Molasses Creek goat herd has traveled to the Blue Mountain Dairy Goat Show, while "Jessica" qualified for the Southeast Regional 4-H Dairy Show and has appeared at Farm Show.

"I showed Jessica as a junior 2-year-old," Debbie explains. "She was first in her class at every show except the Southeast Regional, where she took second."

This year, Farm Show offers, for the first time, a sanctioned dairy goat show, so Debbie's Farm Show entries now will include "Jessica," her calf, "Betsy" and three young does.

Even without the hectic schedule of Farm Show preparation, Debbie's busy day begins at 5:30 a.m. She rises to feed, water and milk her menagerie. "Jessica's" ample volume calls for the mechanized bucket milker, but Debbie is "all hands" when it comes to milking her goats. After school, she repeats the same tasks.

A senior at Daniel Boone Area High School, Debbie is a member of several 4-H and adult agriculture clubs. Her youth affiliations are: The Eastern Berks Dairy Club; Berks Co. Dairy Goat Club; Berks Co. Poultry Club; Oley Saddle-ites; Berks Co. 4-H County Council.

Her adult organiztions include: Berks Co. Goatherders; the state and national Guernsey associations (Debbie served as an area representative when she was 16); and the Berks Co. Agri-Speakers Bureau.

Of the last group she explains, "We're a group of people trying to bring the farm story to city audiences." Still in the planning stages, the group, says Debbie, will be available to various civic organizations.

"It should be successful. Through 4-H, I've gotten used to public speaking," she says. Debbie's orations also received a little polish during her reign, this year, as Berks Co. alternate dairy princess.

Debbie's familiarity with her dairy animals carried her through to first place and a $1,000 check at this year's Eastern National Junior Dairyman contest in Timonium, Md.

"It was really a sort of herdsman contest," notes Debbie. "We had to identify grains and answer management questions."

Even with all her club activities and home chores, Debbie volunteers at the nearby Daniel Boone Homestead in her spare time. This spring, Debbie plans to donate two goats and a few chickens to the tourist attraction.

Chickens also play a big part in the Price show entries. But, this time it's Debbie's brother Mark who handles the fowl work.

The youngster took an interest in birds a few years back when his mother Patricia received two layers. Mark soon acquired an incubater and along with his dad Jere have mantained a show flock of which 21 members will travel to Farm Show.

In all, the Prices maintain about 200 birds which include, Rocks, Silver Spangled Hambirds, Runner Ducks, Pigeons, Bantams and Seabrights to name a few.

Mark owns and shows dairy goats and has a Jersey heifer, "Hope," who made the tanbark trip this year. The youngest Price also has club affiliations which vitually echo those of his sister.

While Debbie prepares for Farm Show by brushing and clipping, Mark has his work cut out for him, also.

To ready the show flock, he must administer eye drops to guard against diseases. Next, he washes each bird twice before Farm Show. Not as lengthy as washing down a cow, Mark simply grasps the bird by the legs and quickly dunks it into a tub of soapy water, he explains. After a thorough blow-drying, Mark applies oil to the legs and beak for color and shine.

Last year, Mark and his dad brought home 14 blue ribbons from Farm Show for their flock.

Both Debbie and Mark, it seems, come by their affinity for animals honestly. Their dad, a Berks Co. native, owned and operated a pet shop in Long Island, N.Y.

The Price store offered a variety of small rodents, birds and reptiles. But the Price Long Island home was a sanctuary for dogs, rabbits, cats, pigeons, guinea pigs and raccoons. Four years ago, Jere Price moved his family back to Berks County and back to the country.

The children, however, haven't forgotten their city friends. In fact, they traveled back to Long Island, this past summer, with 10 goats and three dairy animals to compete in the Long Island Fair.

"It was worth it," Debbie recalls. The show included 13 goats and four dairy cows. Needless to say, the Price entourage did quite well. The four-day fair attracted thousands of city folks and Debbie and Mark spent a good deal of time answering those questions that only non-farm people could ask: 'Does HE give milk?' 'Is that a puppy dog?' (It was a goat.) 'Does it bite?'

Next year when Debbie enters Penn State, she plans to decrease her goat herd. "Jessica," however will remain. She and Mark say that hogs may be the next members of their Berks menagerie. The hogs, along with the many cats and chickens will be useful in finishing off the excess milk provided by "Jessica" and the goats.

But in the meantime, Debbie and Mark can be seen, this week, adding their own hustle and bustle to a busy Farm Show week.

Farm Show, they both would agree is for the birds....and the cows and the goats, etc.

These two young does are members of Debbie and Mark's 12-head herd. The does will be part of history next week, when they prance through the Farm Show's first goat show.

Mark, 14, displays one of several fancy fowls he will enter at Farm Show this week. The youngster together with his father Jere, maintain about 200 birds on their Berks Co. farm.

Debbie allows "Betsy" to spend a few minutes with mom, "Jessica." The 17-year-old Berks Co. youth won an essay contest two years ago, and earned "Jessica" as a result. Since then, Debbie and her Guernsey have tread across many tanbarks and this week are Farm Show bound.

F.W.S. Calendar

Saturday, Jan. 8
Lancaster Society 6 meets at the home of Mrs. Martin Spangler for a music program

Saturday, Jan. 15
Lancaster Society 3 meets at the Cloister Restaurant in Ephrata

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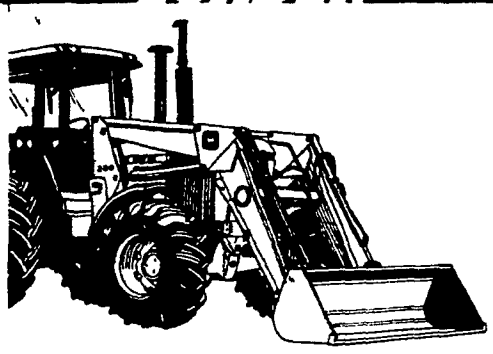

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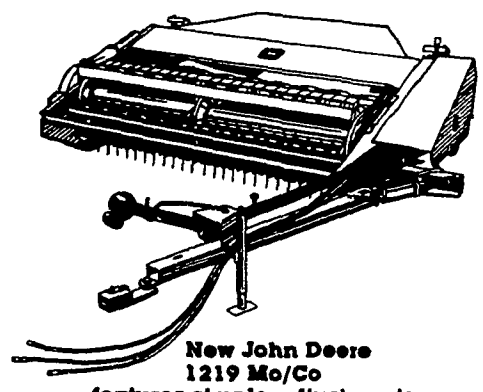

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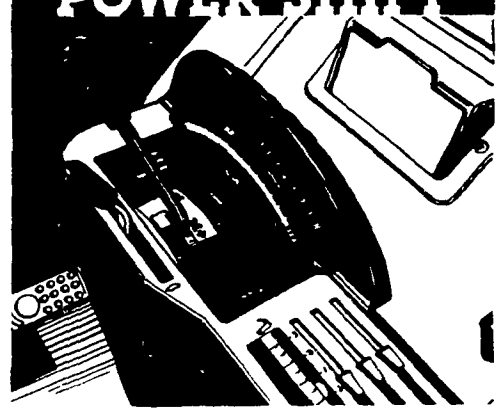

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Pack a safe school lunch

WASHINGTON, D.C. — For millions of children the sounds of summer have given way to school bells announcing the return to the classroom. That means it's time once again to pack lunch bags and boxes with nutritious, safe meals.

"Just as there are certain rules of conduct in school, there also are basic food safety guidelines for packing school lunches," said Donald L. Houston, administrator of the U.S. Department of Agriculture's Food Safety and Inspection Service. "The rule of thumb is: keep hot foods hot, cold foods cold and all foods clean.

"Following this advice will help assure that food poisoning bacteria do not multiply," he said. "These bacteria thrive in warm temperatures if foods are not handled properly, and given enough time-2 hours of more-they can cause food poisoning with its attendant nausea, dizziness, abdominal cramps and diarrhea. Depending on the type of organism, symptoms can begin as soon as several hours after eating a meal and can last from one to three days.

In addition to the basic rule, Houston said, these few simple tips will help prevent food poisoning:

-Use a vacuum bottle or similar insulated container, where possible. It will keep foods and liquids either hot or cold for hours. For example, soup or chili can be kept piping hot until lunchtime.

-Another aid is commercial freezer gel, which can usually be found in the "picnic" section of your grocery store. The reusable gel helps keep meat and poultry sandwiches and other perishable foods cold for hours. A water-tight plastic bag or other container filled with ice cubes also works, but be careful of leaks.

"Freezing sandwiches ahead of time will also help keep foods cold until lunch," Houston said. "A frozen sandwich placed in a bag or lunch box early in the morning will thaw by lunch time. A work of caution-don't overdo the butter or mayonnaise, because the bread may become soggy during thawing."

Concerned parents often ask, "Which is better-a paper bag or a lunch box?"

"Actually," Houston said, "they're about equal in keeping food hot or cold, although the lunch box will better protect food from crushing. Whether you use a paper bag or lunch box really comes down to a matter of preference. If you use a lunch box, just be sure that you clean it after each use. If you prefer lunch bags, use clean ones each time, since bags which have been used may contain harmful bacteria.

Although proper preparation of lunches is important, the most well-prepared and packaged lunch can cause problems if it is handled improperly. Here are some handling tips for students:

-Keep lunch bags and boxes closed until it's time to eat. This is especially important to keep meat or poultry sandwiches clean and cool.

Whitmoyer cites 2 new products

MYERSTOWN — Whitmoyer Laboratories has introduced two new products - Tesan, a new teat dip designed to be effective against mastitis-causing bacteria, and Nu-Trate, an isotonically-balanced nutritional aid for scouring or stressed calves.

Research has shown that iodine dips, while effective, can also be irritating. To solve this problem, contains the active ingredient Chlorhexidine, the same disinfectant used by surgeons. It also has a near-neutral pH (6.5, the same as milk). Special added emollient forms gentle coating to further soothe and protect teats. For economy, dairymen will find that using yields higher milk production from more comfortable cows.

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For more information write Whitmoyer Laboratories, Myerstown, Pa., 17067. Toll-free telephone: 1-800-233-7077.

Algerian officials explore agribusiness avenues

ALGIERS — Under Secretary of Agriculture Seeley G. Lodwick concluded his Algerian visit last week, and said talks with government and trade officials had provided new avenues for expanded U.S. trade in agriculture.

"Through our meetings here with the minister of agriculture and industry leaders, we have established contacts for agricultural and business firms that will expand U.S. exports to these countries," he said.

Lodwick was in Algeria as the agribusiness sector leader of a high-level trade mission led by U.S. Secretary of Commerce Malcolm Baldrige. In addition to Algeria, the team visited Saudi Arabia to explore opportunities for agribusiness and industry.

Lodwick praised Algeria's five-year development plan, which emphasizes agriculture and irrigation. "We will work closely to see that all people benefit from the sharing of agricultural resources," said Lodwick. "Currently five U.S. commodity organizations are involved in market development efforts here," he said.

In fiscal 1982, U.S. agricultural exports to Algeria totaled $205 million, primarily wheat and coarse grains. Lodwick said he hoped this level could be increased in the future, particularly for products such as wheat, corn and vegetable oils.

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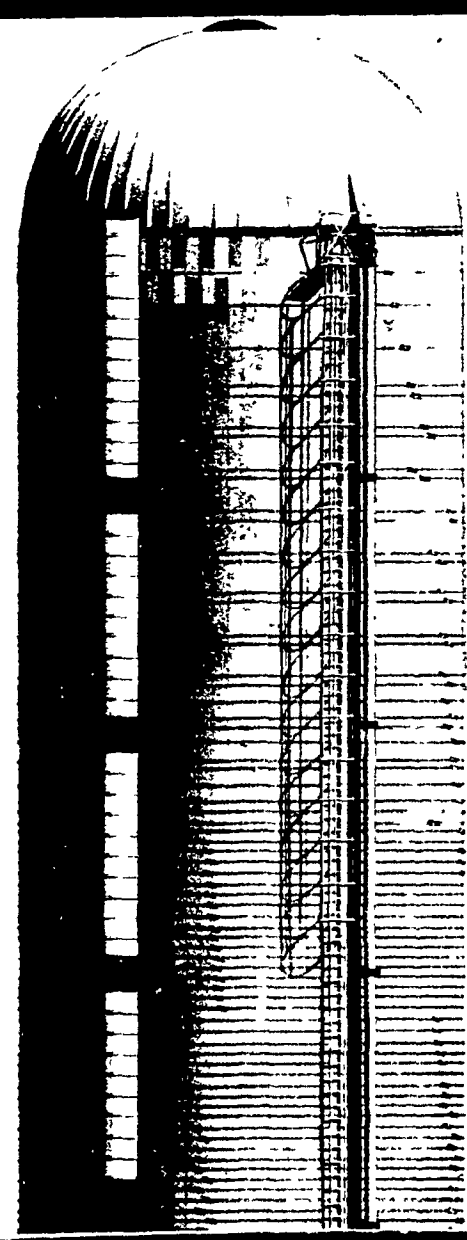

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Sale Reports

The Farmersville Auction held their antique and collectables sale on Jan. 1 in Farmersville, 3 miles east of Brownstown, Lancaster co.

Some prices received were: oak dresser $310, Victorian bookcase $220, three-piece oak bedroom suites $250, $475, & $510, jelly cupboard $225, oval china closet $410, Victorian dresser $390, weather vane $50, plank bottom rocker $70, quilts $22.50 to $310, 23" Bisque twin dolls $400 each, hanging kerosene lamp $115, child's dry sink $35, wooden carved eagle $55, oak beds $130 to $190, and 3-piece sleigh bedroom suite $230.

Sale conducted by John J. Rutt.

Farm Show welcomes youths

HARRISBURG — Every year, thousands of excited youngsters travel from all over Pennsylvania to the Farm Show. Many bring with them their prize animals, crops or exhibit in hopes of going home a grand prize winner.

Ever since the first Farm Show in 1917 which had 40 boys competing in a corn and potato judging contest, the Farm Show has been a growing educational experience for young people. By 1922, boys were striving for medals and silver loving cups in dairy cattle, swine, corn and potato judging contests. The Awards were given by State Department of Instruction officials.

A new era in Farm Show youth competition came in 1926 when Francis Murren of Hanover took home $266.60 for his Baby Beef Grand Champion. The 1,066-pound steer was sold at auction for 25 cents per pound, marking the beginning of Farm Show Junior Livestock Sales.

Today, many Pennsylvania meat firms have given outstanding support to the Junior Livestock Market Sales.

The 4-H competitions have grown quite a bit since their beginnings in 1924, too. Today, 4-H competition is in full swing with entries in competitions for lambs, beef, dairy cattle, entomology exhibits, tobacco, eggs, dressed turkeys, capons, honey, corn, sheep blocking and grooming, homeeconomics, safe tractor driving and potato judging.

Future Farmers of America and Future Homemakers of America were initiated to the Farm Show in 1926, with exhibits that were displayed during the show. FFA members now compete in activities such as dairy cattle, swine, small grains, potatoes, tobacco, vegetables, apiary products, eggs and poultry competitions.

In the beginning years, these competitions were limited to the boys only, but with changing attitudes about women came more and more women competitors in traditional "male" categories.

The dream of every Farm Show youth competitor is to take home "the prize." These youngsters work all year with unseen dedication just to reach the Farm Show. Their work is rewarded in the end whether they win or not, through the thrill of competing with other young people. All those who compete leave the Farm Show with something special to remember the event.

Last year the Farm Show Commission dedicated one night to benefit our farm youth. This year, once again, Farm Show holds a Farm Youth Benefit Night Concert starring Jerry Reed and Bill Anderson, with all proceeds going to improvement of facilities at the complex for our farm youth.

See you at the Farm Show.

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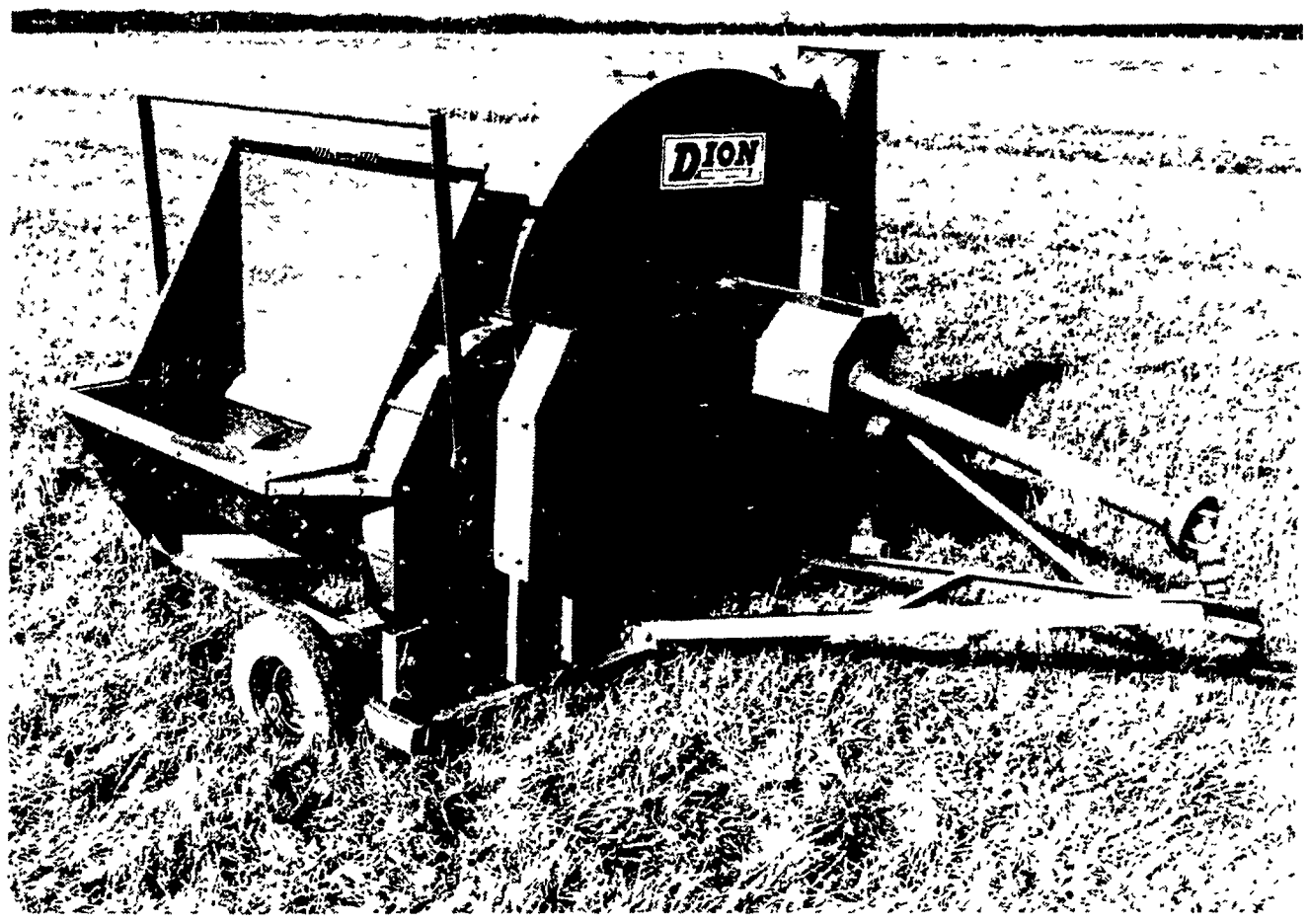

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Farm Women Societies

Lancaster Co. Society 11

Lancaster Society 11 met on Dec. 30 at the home of Betty Brabson.

Members shared information on their most cherished items and welcomed two new members into the Society, Betty Geiger and Aleta Wilbar.

The next meeting will be held on Jan. 28 at the home of Grace Ann Chase.

Berks Co. Society 11

Berks Farm Women 11 met at the home of Shirley Lentz, on Dec. 27 to prepare for the new year.

Members received their Society books and exchanged gifts with their secret pals.

The next meeting is scheduled for Jan. 24 at the home of Rose Hibshman.

Fulton Grange 66

Fulton Grange 66 met at the Grange Hall in Oakryn on Dec. 27 for their last meeting of the year.

National Grange Women's Activities Committee director, Mary Buffington, spoke on the various programs in her department. These areas include sewing, stuffed animals, and needlework.

William Buffington, a member of the Pa. State Grange Executive Committee, showed slides of the Oliver Hudson Kelley homestead new Elk River in Minnesota. Kelley was one of the seven founders of the Grange and was instrumental in its organization.

The next meeting is scheduled for Monday, Jan. 10 and will feature Harry Massey, National Grange director of membership.

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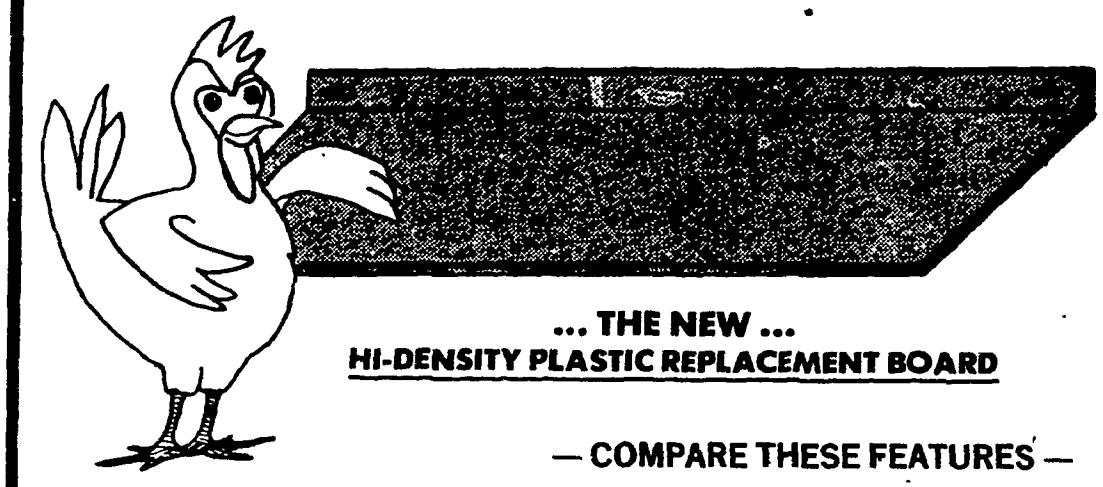

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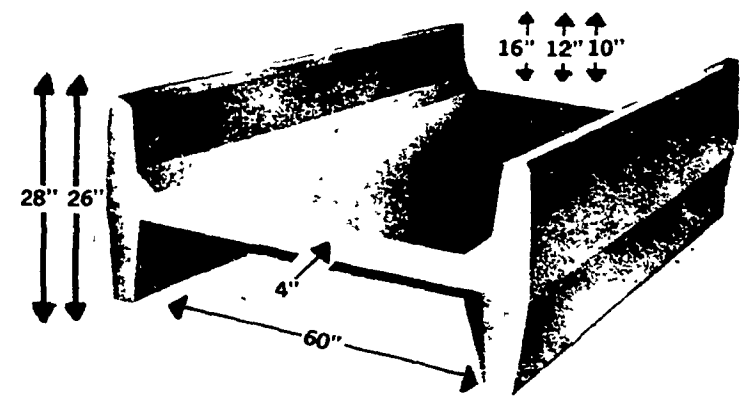

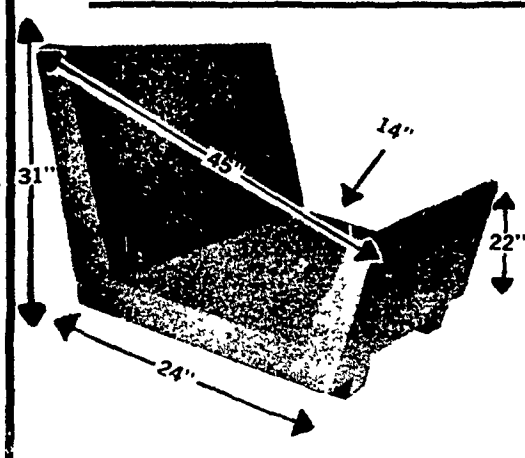

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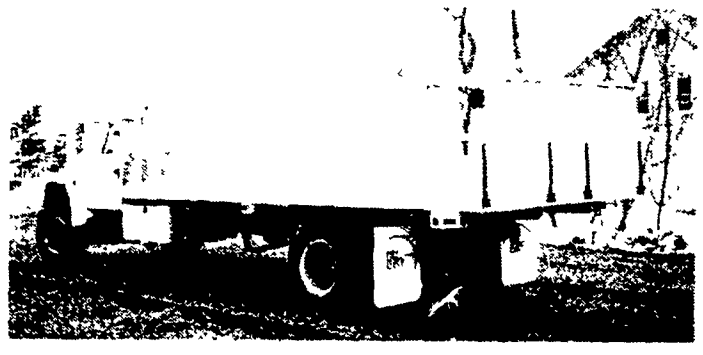

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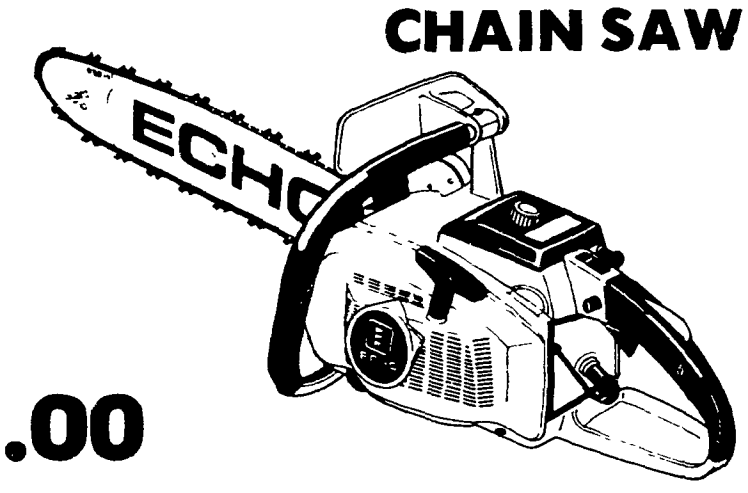

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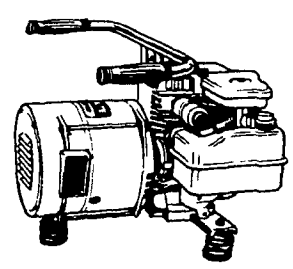

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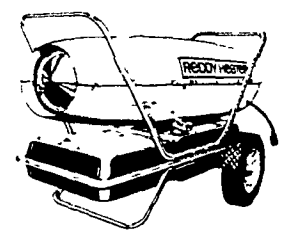

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Soils researcher receives award

ANAHEIM, Cal. — Robert A. Olson, professor of agronomy, University of Nebraska, Lincoln, received the Agronomic Achievement Award–Soils last month at the American Society of Agronomy annual banquet. The award, including an honorarium and a grant for further research, recognizes recent contributions to high crop yields and focuses on applied research and Extension activities.

Olson's research on effective soil fertility practices has had major impact on achieveing higher crop yields. His leadership of international programs in soil fertility out of Rome and Vienna afforded direction and inspired confidence among colleagues and boards of governors to the extent that exceptional progress was achieved in the respective projects during the periods of his association.

Although the literature reveals an important role in the understanding of phosphorus, sulfur and zinc needs of crops and the calibration of soil testing methods for these nutrients, the greatest recognition of his research undoubtedly comes from his work on the management of fertilizer nitrogen for maximum economic crop production with minimal environmental hazard.

IFYE to Italy defies stereotypes

BY DEBBIE KOONTZ

LEBANON — The people of this granny boot-shaped peninsula — bulging with history and jetting out so daringly into the adored Mediterranean Sea — have adopted a 'one-day-at-a-time' philosophy, oblivious to the American version of the 'rat race.' They take lunch breaks from noon till 3 p.m., they visit each other hour upon hour, and they appreciate not only the taste of good food, but also the quantity of their epicurian treasures.

Sound like Utopia?

Perhaps to the natives it borders on a 'perfect world,' but to Americans, it's known simply as Italy, home of the Romans, of earthquakes, of spicy food and speeded language and talking hands.

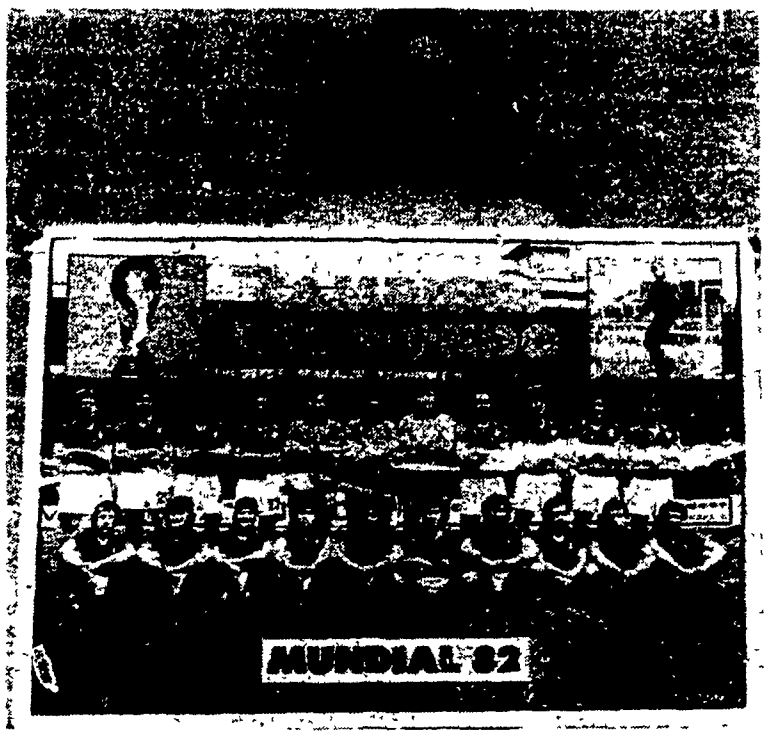
But one American recently got to challenge the stereotypical notions that still live 'in the states,' by spending six months living and traveling in Italy.

Deb Kreider, daughter of Homer and Faye Kreider of R4 Lebanon, says Italy was her second choice when she completed the application for the International Foreign Youth Exchange program. But now, she already has plans to return to Italy in August of 1984, and, she made this decision before returning home.

Deb, a member of 4-H for almost ten years, studied such projects as flowers, photography and gardening. But her first love is traveling. So, about a year ago, when she heard another IFYE describe her experience in Trinadad-Tobago, she "told my mom, 'I think I'm going to try for it.'"

With a pen pal in Austria and two trips to Europe already entered in her book of experiences, she set out for 'romantic' Italy with its over 57 million people all squeezed into a region slightly larger than Arizona.

Because Italians know that Americans think wine is still made by stomping with bare feet, they specially set this bin up for Deb to test her talent. Deb laughingly adds that, no, she didn't wash her feet first. She probably will tell of this experience during the several presentations she is scheduled to give in the next couple months.



As a youth exchangee to Italy for six months, Deb Kreider of R4 Lebanon had opportunity to watch that country's soccer team capture the World Cup. Back home, Deb plans to begin her new job and perhaps attend the annual IFYE meeting scheduled for Friday evening of Farm Show week.

From the start, Deb says she knew not to expect the stereotypes, perhaps because she already learned how erroneous these preconceived notions can be from her trip to Austria and Greece.

"I went not expecting a lot, so I got a lot out of it," she says matter-of-factly.

Because the United States' 4-H program can be equated to Italy's 3-P program — a program honoring progress, produce and (im)prove which caters to the agricultural world — she was exposed to several types of farming while there. She stayed with eight families throughout Italy; Each family being quite a distance from the one before, thus allowing Deb to travel almost all of Italy's 708 miles of length.

Her first family was dairy farmers in the north central province of Brescia, raising about 50 Holsteins. It was here Deb says she learned how to speak Italian in a hurry — only one member of the family spoke English.

Her second family raised cash crops of wheat, corn and sugar beets, and one brother sold Northrup King Seed Corn, a fact which delighted Deb.

Having been introduced to the country through an orientation period in Rome, located in central Italy, Deb learned that the people of the north lived much better than their southern friends.

"The northern people were much wealthier overall. When they found out I had to stay with families in the south, they would always try to warn me of what I would see and the people I would meet," she says.

Her third host family was located near central Italy and owned a fruit farm. Deb picked pears here.

Moving south, Deb's fourth family raised beef cattle, and the fifth grew vegetables and corn. She also encountered her first grapes vines here.

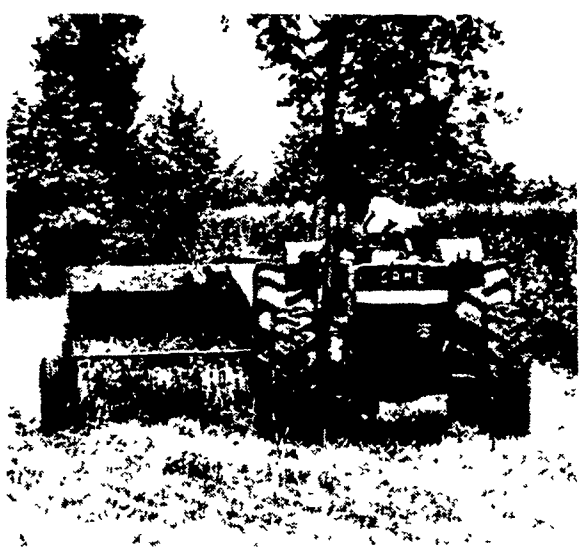
"The family knew Americans all thought they still stomped grapes with their feet, so they dug out the equipment and let me do it. And no, I didn't wash my feet first," she laughs.

Though she says grape stomping is now outdated in Italy, she readily admits that families making enough wine for their own consumption will still use the old methods.

Her sixth family was located in the sole of the boot which forms Italy, in the province of Catanzaro. This family grew only a few olive trees.

From Catanzaro, she journeyed to the island of Sicily, west of the main land. Having been warned jokingly by her nothern friends that the Mafia might get her, she found the experience refreshing

(Turn to Page B29)



The 4-H program can easily be equated with Italy's 3-P program, a group of clubs catering to the farming world. Therefore, Deb's stay in Italy included eight farms. The upper left photo shows a farmer baling hay with a Same (saw-may) tractor. Right shows how they build their muscles loading hay. Lower left photo is at a cattle sale. Deb says after much banter back and forth, the owner and buyer shake hands in agreement. Below is a family in their lettuce field. The women, traditionally, always wear dresses.

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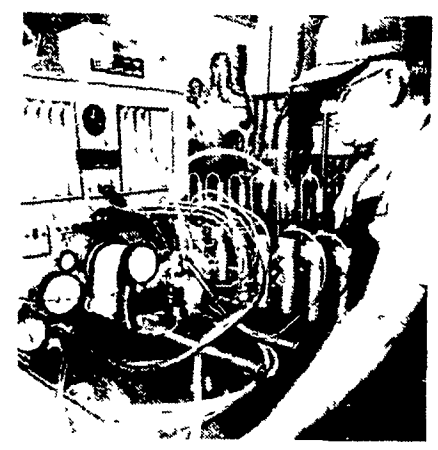

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Want the recipe for vegetable soup for 3,000?

FARM SHOW — Did you ever have 3,000 people or so coming to dinner and want to serve soup?

Likely not.

But if the occasion ever arises, here's a recipe of ingredients courtesy of the Pennsylvanaia Vegetable Growers Association, which will be serving vegetable soup for the sixth consecutive year at Farm Show.

First, start with 750 quarts of stock. It helps to be able to get it from Turkey Hill Dairies.

Then, "beef" it up with 24 quarts of beef and beef broth and another 24 jars of beef buillon.

Add 40 lbs. each of yellow corn, green peas and mixed vegetables.

A case of celery, 50 lbs. of cabbage.

Stir in 84 large cans of tomato juice.

Two dozen rutabagas and a half-bushel of peppers.

Thirty large bunches of parsley.

Twenty-five lbs. of spaghetti, 24 lbs. of noodles.

And to go along with the soup, some 60 lbs. of Saltines.

Then, after preparation, you're ready to serve the 3,000 or so – just as the Vegetable Growers have done at a buck a bowl for the past six years.

The 250-grower association sponsors the booth, which provides a well-appreciated snack after braving the customary cold winds of Farm Show weather, to raise money for vegetable research at Penn State. Also, it helps to inform the public about the association.

And do people look for the soup? You bet they do.

More than one distant visitor has said:

"I read about your soup in Lancaster Farming and I'm here to get a bowl."

In addition to the soup, the Association will also be selling slices of bacon and cheese and ham and cheese quiches.

Later this month, the Association has another big event on the calendar. The Vegetable Growers Educational Conference will be held at the Hershey Convention Center on Jan. 25, 26 and 27.

All kinds of topics will be covered, ranging from growing tomatoes, sweet corn or blueberries to viuruses and nematode damage. Post-harvest handling and storage – a topic of interest to all growers – will be covered. And other topics, such as marketing, labor and energy saving.

Current officers of the Vegetable Growers include Dale Whitenight, R6 Danville, president; Daniel Schantz, R1 Zionsville, first vice president; John Mason, Lake City, second vice president; Boyd Mertz, Northumberland, secretary-treasurer.

Executive Secretary is William Christian, Clarks Summit.

Directors, who help man the booth, and donate their time include Boyd Mertz, Northumberland; William Baronner, Hollidaysburg; David Geise, Northumberland; Rudy Grob, Millersville; Burton Hetherington, Tamaqua; Glen R. Hetherington, Ringtown; Edward C. Hopkins and Harry Hopkins, Falls; Richard H. McCloskey, Jamestown; Louis Orient, New Alexandria; J. Wilfred Richards, Dalton; Edmund Rogers, Perkasie; Sheldon Starr, Chambersburg; Warren Thompson, Clarks Summit; and David Zacherl, Shippenville.

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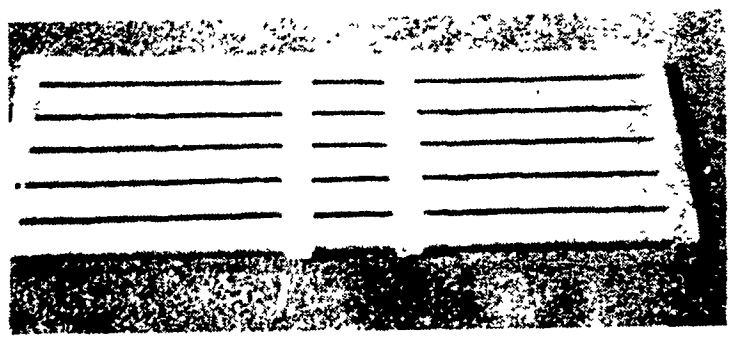

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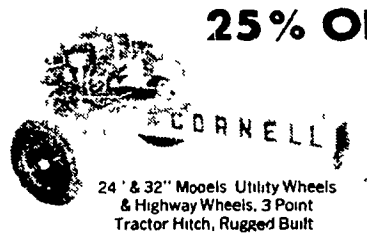

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Cumberland equestrians turn "wagon wheels"

BY BETH HEMMINGER
Staff Correspondent

CARLISLE — As you wander through the cavernous halls of the Pennsylvania State Farm Show complex this coming week, you'll be sure to see a lot of cows, chickens, sheep, horses, tractors and the like.

But watch closely or you'll miss the green and white flags.

They will be in the quite capable hands of the members of the Cumberland County 4-H Horse and Pony Drill Team.

The Cumberland County 4-H Drill Team has been performing at the State Farm Show since 1954, making their twenty-ninth appearance this year.

During these 29 years the Drill Team's performances as well as the members, have continously changed. However, the goals of the 4-H Drill Team have remained the same throughout the years, remark coaches Maynard and Sandy Long.

The Longs, both previous members of the Drill Team, explain how they plan a program that will display the horseman's skills in certain maneuvers, showing the rider's control over his horse.

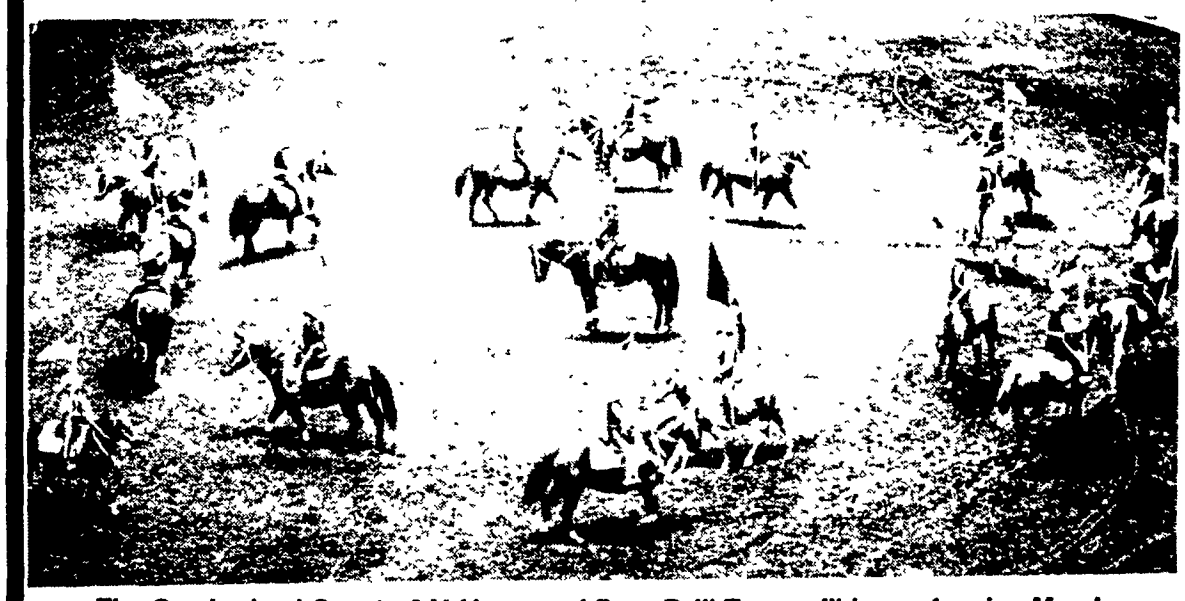
"With our particular age group, ages 8 to 18, we work on simple drills so the younger members can participate in the team with confidence," says Maynard.

The coaches add that the only criteria to be a member of the drill team is to be a member of the Cumberland County 4-H Light Horse and Pony Club. Each member must have a horse to ride that is at least 13 hands high.

"We don't have trouble finding members for the Drill Team," says Long. In the county the Drill Team members have the respect of 4-H and non-4-H members for their dedication and hardwork in preparing for a show.

this year the Cumberland County Drill Team will perform with 22 riding members and 2 banner carriers. These 22 riding members are: Steve Otto, Sandy Fatsinger, Mark Straley, Tammy Burruss, David Fry, Ross Failor, Meg Willis, Doug Willis, Jenny Shoop, Ann Eisenhower, Denise Jones, Dede King, Todd Holston, Justin Foster, Greg Miller, Luann Fry, Cindy Fry, Jessica Shetron, Mindy Galbraith, Linda Burruss, Jodi Sherik and Tom Schlusser, And the banner carriers are Wendy Wert and Amy Mengel.

At this year's Farm Show the 22 member Drill Team will present their show on Monday evening, Jan. 10, displaying their skills with multiple figure-eights, slithering snakes a moving arrowhead, wagonwheels and much, much more as the horsemen, flags nad horses move in unison to music in the maneuvers.



The Cumberland County 4-H Horse and Pony Drill Team will be performing Monday evening at Farm Show. Their intricate demonstrations of horsemanship have been an annual event at the show since 1954.

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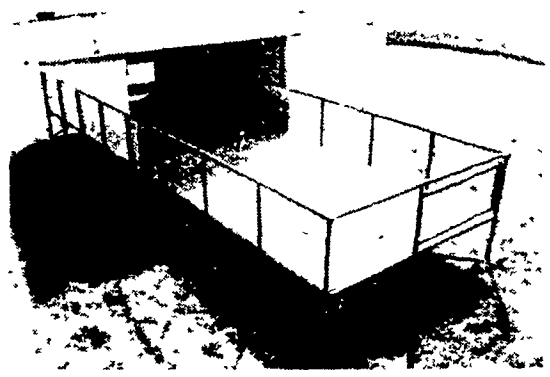

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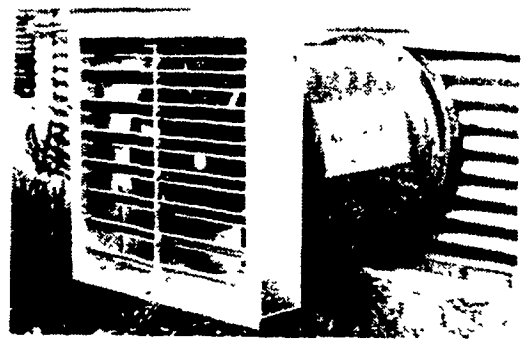

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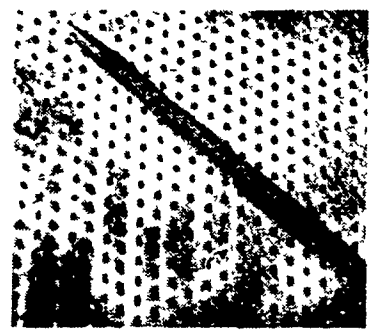

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4-H horse care fosters career interests

CHEVY CHASE, Md. — Five years ago, a Massachusetts 4-H member combined her intreset in veterinary science with her love of horses. Today, 18-year- l Paula Norman Asburnham, lanning a career as an equine v inarian. She credits her ex,erie : in the 4-H program with helpi er reach that decision.

Through her work in the veterinary science program, supported by The Upjohn Company, and the horse program, sponsored by the American Quarter Horse Association and Insurance Company of North America, Norman made an in-depth study of the foreleg of a horse. She also researched navicular disease, a bone disorder her gelding contracted.

"I had the gelding for a very long time and it meant a lot to me," Norman explains. "I wanted to learn as much as I could about orthopedic diseases in horses."

The eight-year 4-H'er says work with an equine veterinarian to get on-the-job training was invaluable. She plans to enroll this fall in Kansas State University in a pre-veterinary medicine program.

"The tremendous amount of knowledge I've gained has been priceless," says Norman, a national winner last year in the veterinary science program. "Actually working around the animals has made it possible for me to see first-hand the ailments and disease treatments of these gentle beasts."

Learning-by-doing is the major thrust of 4-H - the nation's largest out-of-school youth educational organization. In the veterinary science program, young people study all animals - from pets like cats, dogs, mice and gerbils to large animals, such as horses, cattle and zoo animals. Members also explore career alternatives and study animal anatomy, diet, habitat diseases and general care. Across the country, veterinarians offer expertise, and often serve as project leaders.

In the horse program, members are involved in a number of activities, including riding, showing, studying horse anatomy and history. They also participate in community service projects and explore careers associated with the horse industry.

Private support through National 4-H Council makes possible awards and incentives for members who excel in either program.

Upjohn provides medals to four members in each county; $75 U.S. Savings Bonds to one 4-H'er from each state; and 24 trips to the 61st National 4-H Congress, Nov. 28 - Dec. 2, in Chicago, Ill. During National 4-H Congress, six outstanding 4-H'ers named national winners, receive $1,000 scholarships.

AQHA also provides medals to the top four members in county horse programs, and trips to the 61st National 4-H Congress for the six national winners. During Congress, these national winners also receive a $1,000 scholarship, provided by INA. In addition, many horse program participants will attend the National 4-H Horse Roundup, Nov. 5 - 7, in Harrisburg, Pa.

Contact your county Extension office for more information on these and other 4-H programs.

In 1930, consumers were spending about 24 percent of their income for food. By 1950, this figure was only 22.8 percent and in 1960, it dropped below 20 percent. It is now running about 17 percent.

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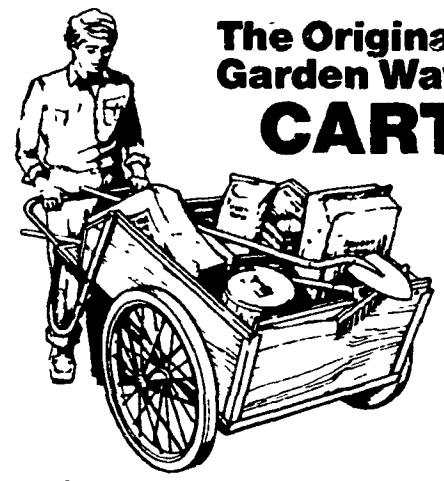

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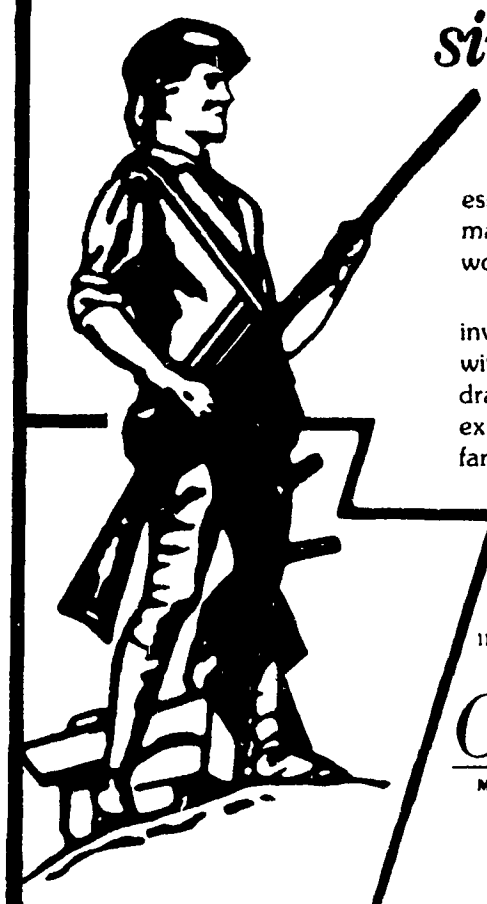

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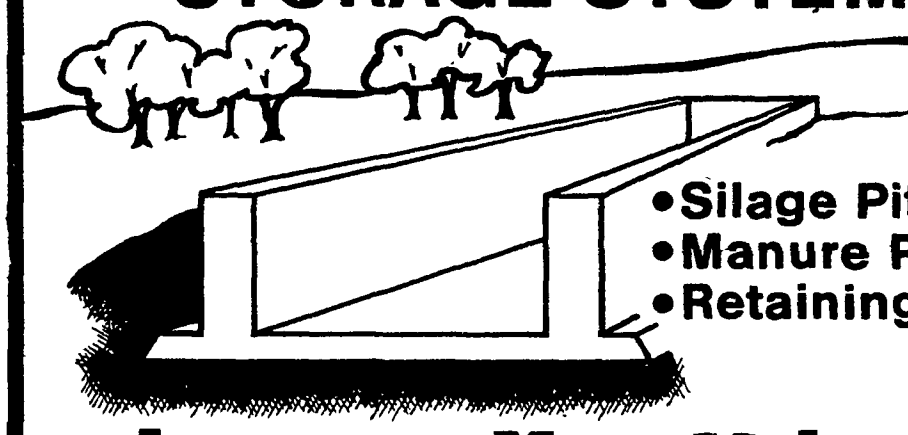

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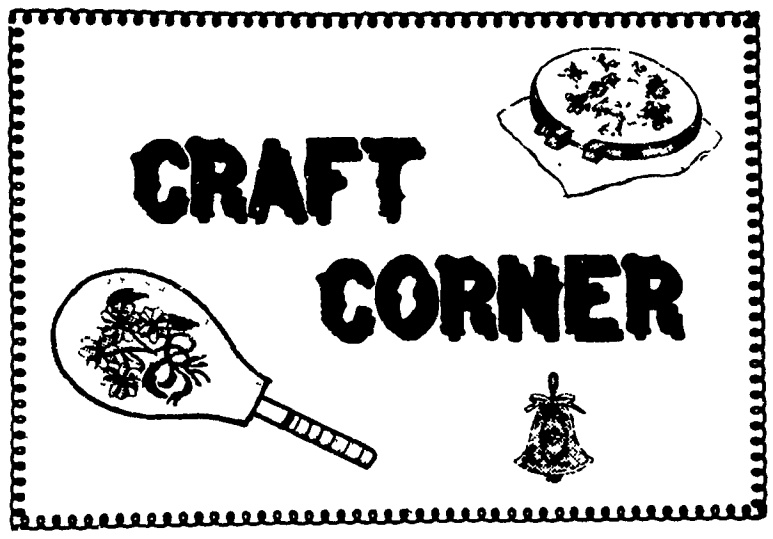


Paths to place mats

"Pleasant paths" is a patchwork pattern that is ideal for place mats. If you start now, you can make an entire set in time for Christmas dinner.

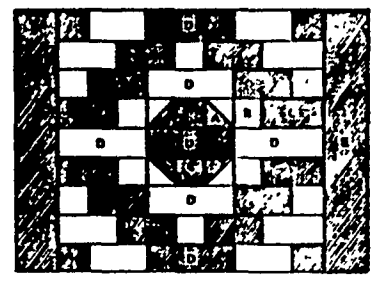
All you need for the place mats are fabric scraps in two prints, polyester batting and cardboard for the pattern pieces. The pattern consists of rectangles, squares and triangles that are especially easy to cut, arrange and stitch together.

The place mat project comes from "Patterns for Applique and Pieced Work" (Doubleday Publishers), by Jean Gillies. IN her book. Gillies includes fullsize patterns for flowers, ice cream cones, whimsical creatures, and patchwork for the tote bags, pillows, pot holders, crib quilts and ornaments.

Pleasant paths, like other patterns in the book, has more than one application. If you omit the side strips, you have a perfect square for a pillow top.

Here are simplified directions for the place mats:

Materials: Suggested fabrics; One-half yard blue print fabric, 44 inches in width, for design and backing; white fabric, 9 by 22 inches for design; polyester batting, 15 by 20 inches; cardboard; pencil; ruler; scissors; sewing supplies.



Patterns: 1. Draw two 1½ by 1½ inch squares on cardboard. 2. Cut out squares. 3. Cut one square in half diagonally. Label one resulting triangle Shape A. Label remaining square Shape B. 4. Draw a rectangle, 3 by 1½ inches. Cut and label it Shape C. 5. Draw a rectangle, 4 by 1½ inches. Cut and label it Shape D. 6. Draw a rectangle, 2 by 13½ inches. Cut and label it Shape E.

Cutting: Trace around cardboard shapes, on wrong side of fabric using a pencil to mark exact seam line for stitching. 2. On blue print, trace four A, six B, 12 C, three D, and two E pieces. 3. On white fabric, trace four A, 10 B, eight C, and four D pieces. 4. Cut out all pieces, adding a ½-inch seam allowance. 5. On wrong side of blue print, mark a 14½ by 18½ inch rectangle for the backing. 6. Cut out backing; ½-inch seam allowance is already included.

Assembly: 1. Lay pieces flat, right side up, to form pleasant paths design as illustrated. 2. Pin pieces, right sides together, along seam lines, to form horizontal rows. Stitch. 3. Join rows together. 4. Add Shape E to each side. 5. Press.

Place mat directions: 1. Stack layers as follows: Batting; backing, right side up; front, right side down. 2. Pin edges; stitch over seam line on front. Leave 6 inches open for turning. 3. Trim batting close to stitching. 4. Trim seams to ¼ inch and clip corners. 5. Turn to right side. Close opening with hand-stitches. 6. Baste through all layers. Press lightly. 7. Quilt inside all pieces, ¼ inches from seam lines.

A glimpse of Farm Show's past

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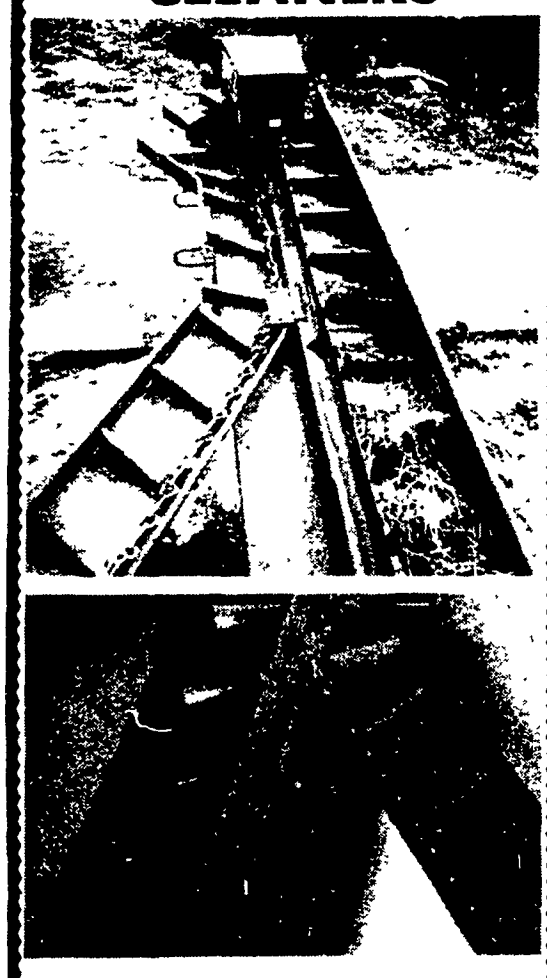

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Show ring practice: from pig's point of view

BY JOYCE BUPP
Staff Correspondent

RED LION — It never hurts to polish up show ring techniques, figures 15-year-old Melissa Trostle of R2 Red Lion, York County.

With her last 4-H Spotted Poland China market hog headed for Farm Show competition, Melissa took time on a recent sunny vacation afternoon to offer her project pig a few pointers. Brother Steve, also on vacation from classes at Delaware Valley College, agreed to serve as the judge for the practice session.

But when the spotted hog spied an open field just around the corner from the Trostle's barn, he slipped out of the rehearsal for some impromptu extra-exercise romping in the sunshine with exhibitor, judge and reporter in hot pursuit.

After a spirited game called "chase the pig around the cornfield," the speedy, spotted market pig was corralled and returned to finish fattening in his pen for the final big appearance in Harrisburg.

Melissa and Steve are the children of Mr. and Mrs. Ronald Trostle. A Sophomore at Dallastown Area High School, Melissa's 4-H projects include swine, sheep, rabbits, horticulture and York County Council.

So this is show business. Not every hog is good enough for this exhibition stuff, you know. These showers are tolerable, but only because of the lunch she feeds me to keep my attention.

Okay judge, take a look at these beautiful, full hams. Notice this leanness, this length, this depth of body. That's it Melissa, stay calm and cool in front of the judge because you don't want to get me excited.

Keep your eye on him Melissa, but excuse me just a minute. I think I detect the scent of food over here to the side.

I don't know why no one ever told me about this corn field before. Isn't this fun, Melissa? ... Home? Is practice over already?

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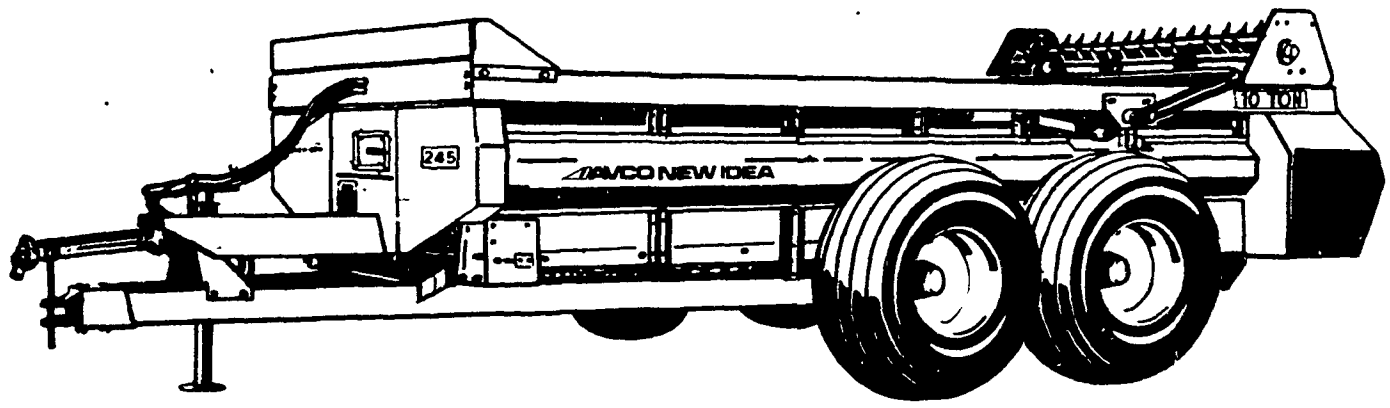

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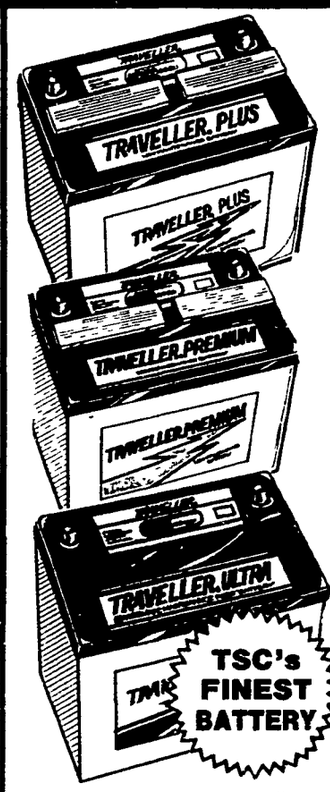

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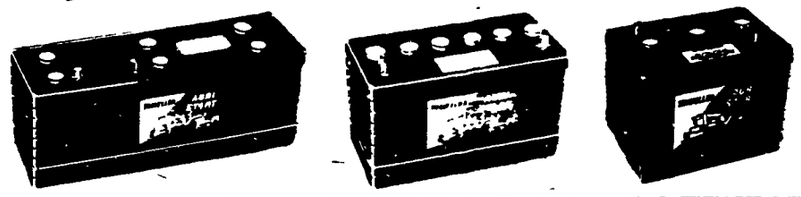

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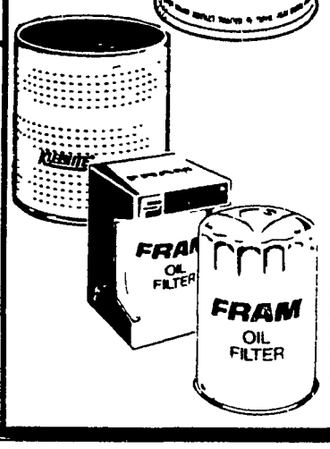

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PH 7	1 39126	3 19
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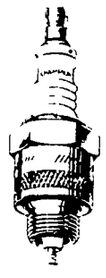

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DESCRIPTION
AC
WD 45,D17,D17 w/W226,G226 Gas Engine
CASE
1[illegible]60C, 4 3/8" Bore
1[illegible]0,w/A451 BD Turbo Diesel, 4
870,1[illegible]0,1470,1570,2390,2590, 4 5/8" Bore
FORD
2N,8N,9N, (39-51) 3 3/16" Bore - Not Rebor
2N,8N,9N, (39-51) 3 3/16" Rebored
NAA[illegible]0,700,2000 (53 & Up) 134 C.I. Eng., 3 7/16" 3 1/2"
IHC GAS ENGINES
656,70[illegible],2656,2706,3800,3850, 3 9/16" Bore
560,66[illegible], 3 9/16" Original Bore for C263 En
706,75[illegible],766,666, 3 3/4" Bore for C291 Engi
Super M,Super MTA,Super W6, 4" Bore fo
Super A,Super C,100,200, Bore Increase fr
IHC DIESEL ENGINES
1466,1[illegible]86,4166, 4.3" Bore
560,66[illegible],706,656,2656, 3 11/16" Bore
4366,4[illegible]3" Bore
1026,1[illegible]56, 4.32" Bore
504,70[illegible],656, 3 11/16" Bore for D188 & D28
966,4[illegible]3" Bore for D414 Engine
JOHN DEERE DIESEL
1020,2020, 3.86" Bore
1020,2020, 3.86" Bore
1530,2030,
4320,4620, 4 1/4" Bore
4230,4[illegible]1/4" Bore
3010,3020 to SN 122999, 4 1/4" Bore
JOHN DEERE GAS
1020,[illegible]020, 3.86" Bore
[illegible]86" Bore
2520,JD202G, JD303G, 3.86" Bore
MASSEY FERGUSON
TE-20,TO-20 Gas, 3 5/16" Bore

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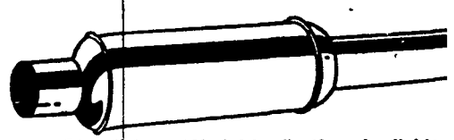
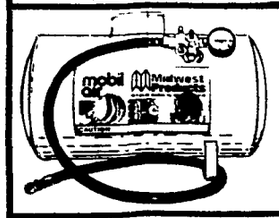


- Other Make and Model Applications Available From S.D.W. Check With Your Local TSC Store

DESCRIPTION
JD 4010 Series Diesel, 4020 Diesel
JD 3010 Gas&LP, 3010 D, 4010 G&LP, 4010 D,
IHC 706G, 806 Gas & Diesel
IHC 504, 444, 3444, 2504G, 444, 2424, 2444 Die
Case 730, 830, 740, 840 Gas & Diesel
AC WD45, D17 Gas & LP



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1[illegible]50C, 4 3/8" Bore	2-03153	82.00/CYL.
[illegible]70.w/A451 BD Turbo Diesel, 4 3/8" Bore	2-03161	89.00/CYL.
870,1[illegible]0,1470,1570,2390,2590, 4 5/8" Bore	2-03179	99.00/CYL.
FORD		
2N,8N,9N, (39-51) 3 3/16" Bore - Not Rebored	2-00993	129.00/SET
2N,8N,9N, (39-51) 3 3/16" Rebored	2-00985	119.00/SET
NAA[illegible]0,700,2000 (53 & Up) 134 C.I. Eng., Bore Increase 3 7/16-3 1/2"	2-02107	149.00/SET
IHC GAS ENGINES		
656,70[illegible],2656,2706,3800,3850, 3 9/16" Bore for C263 Eng.	2-02872	289.00/SET
560,66[illegible], 3 9/16" Original Bore for C263 Engine	2-02856	279.00/SET
706,75[illegible],766,666, 3 3/4" Bore for C291 Engine	2-03739	349.00/SET
Super M,Super MTA,Super W6, 4" Bore for C264 Engine	2-02717	239.00/SET
Super A,Super C,100,200, Bore Increase from 3 1/8-3 1/4"	2-02759	169.00/SET
IHC DIESEL ENGINES		
1466,1[illegible]86,4166, 4.3" Bore	2-03747	109.00/SET
560,66[illegible],706,656,2656, 3 11/16" Bore	2-03323	66.00/SET
4366,4[illegible]3" Bore	2-03137	99.00/CYL.
1026,1[illegible]56, 4.32" Bore	2-03145	101.00/CYL.
504,70[illegible],656, 3 11/16" Bore for D188 & D282 Engine	2-03111	57.00/CYL.
966 4[illegible]" Bore for D414 Engine	2-03129	99.00/CYL.
JOHN DEERE DIESEL		
1020,2020, 3.86" Bore	2-03030	61.00/CYL.
1020,2020, 3.86" Bore	2-03048	61.00/CYL.
1530,2030,	2-03072	93.00/CYL.
4320,4620, 4 1/4" Bore	2-03080	99.00/CYL.
4230,4[illegible]1/4" Bore	2-03098	93.00/CYL.
3010,3020 to SN 122999, 4 1/4" Bore	2-03103	87.00/CYL.
JOHN DEERE GAS		
1020,2020, 3.86" Bore	2-03056	66.00/CYL.
[illegible]3.86" Bore	2-03064	66.00/CYL.
2520,3[illegible]D202G, JD303G, 3.86" Bore	2-03022	69.00/CYL.
MASSEY FERGUSON		
TE-20,TO-20 Gas, 3 5/16" Bore	2-01062	239.00/SET

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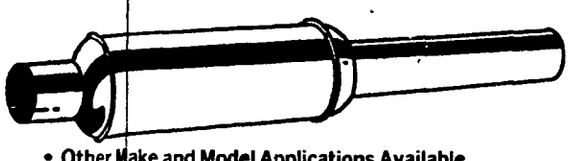

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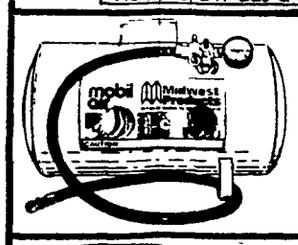
IHC 706G, 806 Gas & Diesel	02-34489	14.99
IHC 504, 444, 3444, 2504G, 444, 2424, 2444 Diesel	02-40367	9.99
Case 730, 830, 740, 840 Gas & Diesel	02-34243	10.99
AC WD45, D17 Gas & LP	02-34057	9.99



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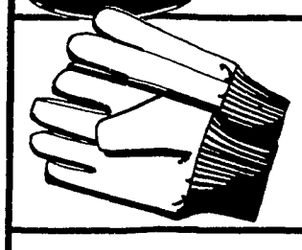

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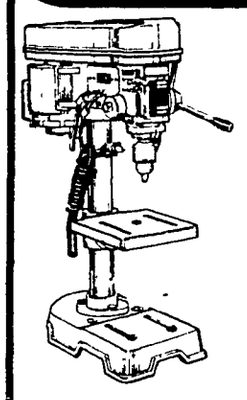

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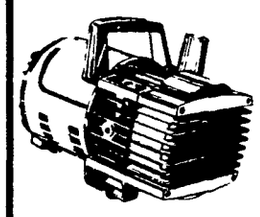

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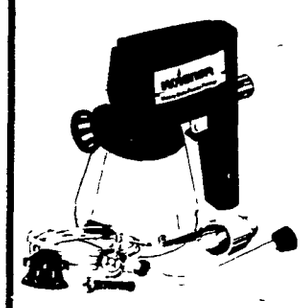

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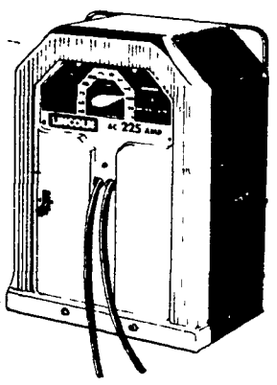

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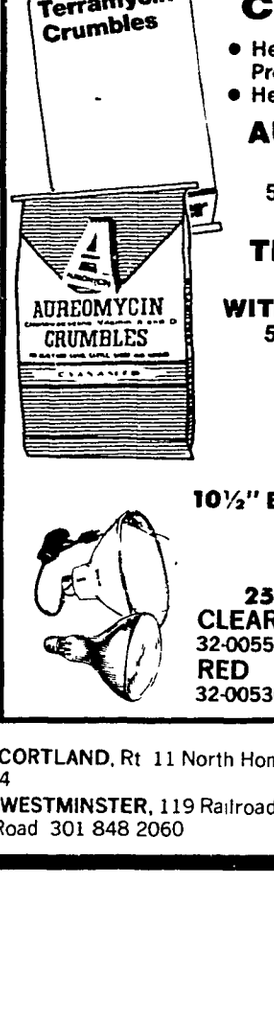

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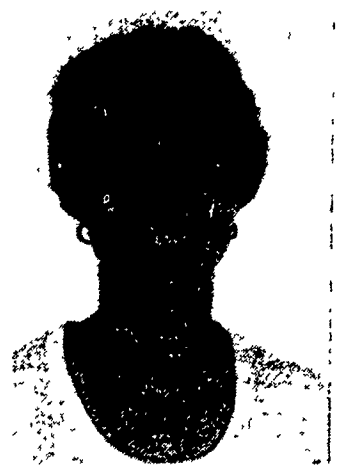

On being a farm wife -And other hazards

Joyce Bupp

By gosh, can you believe it?

Farm Show time's here again.

Just when we feel like we're finally catching our breath from the holiday rush, it's time to start piling show boxes, feed tubs, brushes, brooms, hay, bedding, feed and dozens of miscellaneous items (the most important of which will never be found when needed) into the pickup and head for the Farm Show building.

Show preparations are demanding, hectic and crammed between visiting with fellow exhibitors and other friends we may see only during this annual ag extravaganza.

By mid-week, excitement really begins to mount out in the Beef Barn, in anticipation of that grand finale, the youth beef show and sale.

But back in the Dairy Barn, the area we call home for most of the week, judging has wound down. Animals and stalls must be kept clean and swept, but the pre-show pressure and rush is over.

For the youngsters who "live-in" at the Farm Show with animals for the week, this sometimes becomes, to borrow a phrase from the teenager, a trifle "boring."

Unless they can dream up some unique diversion to pass time.

This will generally take the form of some sort of relatively harmless tomfoolery.

For instance, there was one year I remember as the Farm Show of the great broom trick.

A group of youth exhibiting across the aisle from our cattle happened to have along with their show equipment a brand new kitchen-type straw broom. As new brooms generally do, this one had the neatly-trimmed straight bottom of a broom that hasn't yet acquired an angle from constant use in one direction.

Someone discovered that the broom could, with a careful hand, be made to stand alone. All by itself. Smack in the middle of one of the aisles between the cattle.

Words cannot adequately describe the looks of amazement, and then consternation, visitors passing through the aisle would accidentally bump into the broom mumble "Excuse me," realize what they'd bumped into, and then try to stand the thing back up.

The hilarity caused timed to pass rather quickly on an otherwise slow afternoon in that particular part of the exhibition area.

Another time, a cluster of young exhibitors emptied out a volunteer's wallet, tied a thin string to it, placed the wallet in an aisle, concealed the string under some scattered straw, and then waited.

When an innocent victim reached down to pick up the lost wallet, they'd yank the string.

If, while visiting the Farm Show this week, you spot some strange questionable occurrence, don't expect that you may be on Candid Camera.

More likely, it's just a couple of bored youthful exhibitors looking to liven things up.

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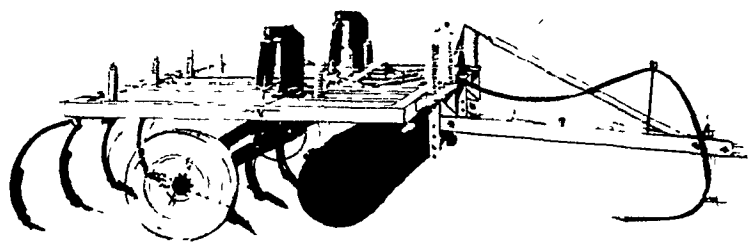

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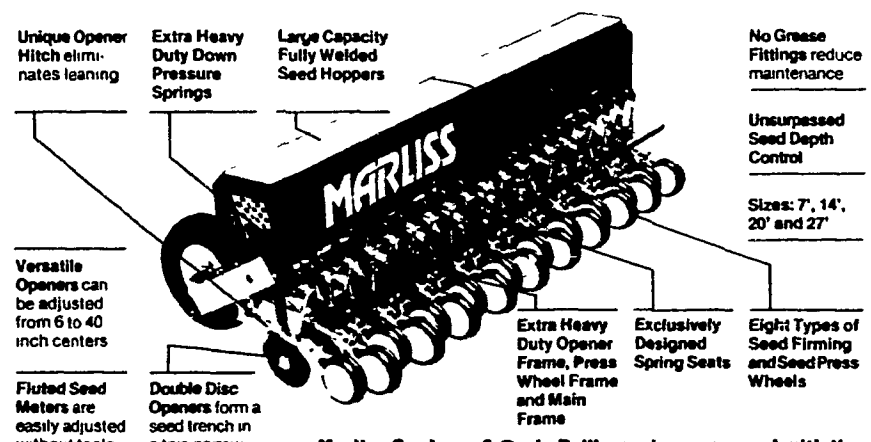
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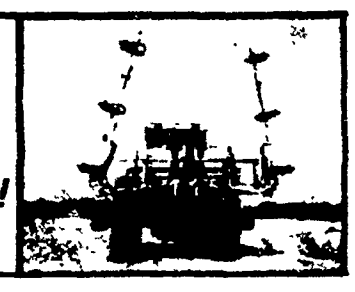

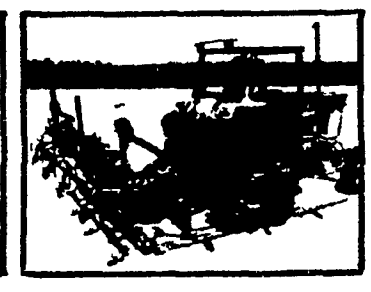

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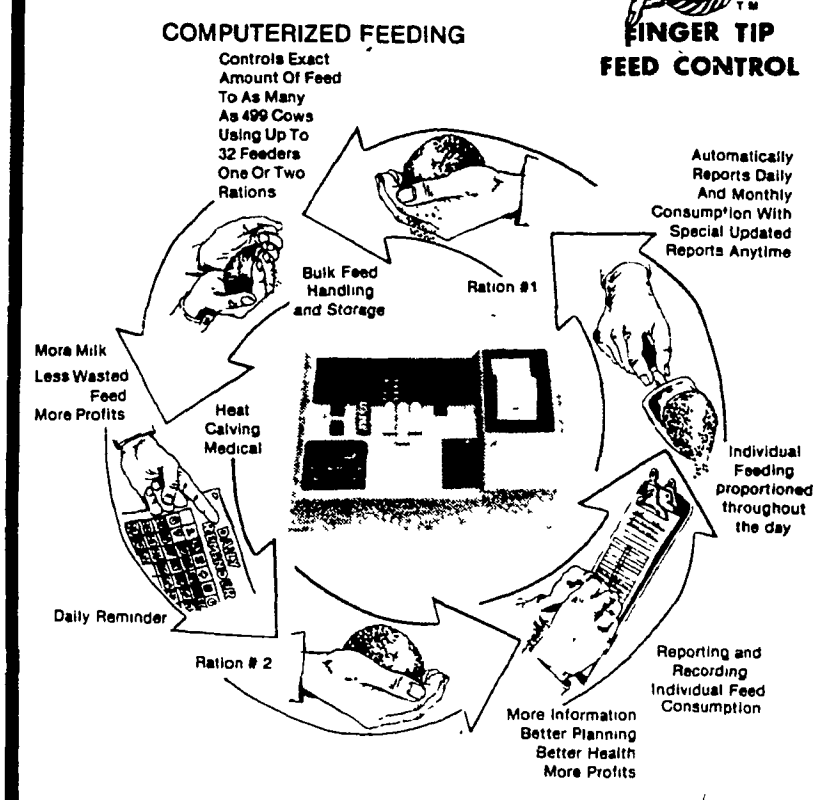

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Lebanon Roundup Sale averages higher prices for steers, hogs

LEBANON — The Lebanon County 4-H Livestock Club took two days between Christmas and New Year's day to fit, show, and sell their steers and swine. And, although local buyers set no sale records last Tuesday, the thirty-three registered bidders helped to support the 4-H'ers by boosting sale averages in both species.

The champion steer of the Roundup Sale was exhibited by Dorene Eberly of Newmanstown. She sold her 1310-pound Chianina crossbred to Glenn Kilmer, owner of Dutchway Farm Market, for $1.40 a pound. Dorene also received champion beef fitter and showman honors from judge Eugene Sweigart of Halifax, Dauphin County.

Rodney Bomgardner of Annville led his reserve champion steer into the sales ring Tuesday and listened as his 1,405-pound entry sold to Lebanon Valley National Bank for 95 cents a pound.

The champion buddy steer was shown by Tom Arnold of Lebanon. His Angus x Chianina crossbred was purchased by Active Line Realty of Lebanon for 66 cents a pound.

A total of six steers sold at the annual Roundup Sale for an average price of 88 cents. This average was up 4 cents from last year.

The champion hog was a Duroc x Yorkshire crossbred gilt shown by 11-year-old Kelly Bachman of Annville. Kelly, who also was named champion fitter, sold her 240-pound hog for $4.25 a pound. Buyer was People's National Bank of Lebanon.

Christopher Kirst of Fredericksburg ended his first year in 4-H on a high note — winning reserve champion honors with his market hog. The 210-pound hog sold to Hatfield Packing, the sale's volume buyer, for $2.15 a pound.

The champion buddy hog was exhibited by Jodi Kreider of Lebanon. She was chosen as champion showman by judge John Henkel of Strasburg, Lancaster County. Her 240-pound hog was purchased by Hatfield Packing for 90 cents a pound.

A total of 62 hogs sold last Tuesday for an average price of 84 cents, up 12 cents from the 1981 average.

Show results follow:

HOGS

Lightweight

Class 1

1 ,2 Darryl Grumbine, 3 Rich Boyer; 4 John Risser; 5. Amy Bachman.

Class 2

1 Christopher Kirst, champion lightweight and reserve grand; 2. Edwin Houser; 3. Darryl Grumbine; 4 Tim Blatt; 5. Bryan Blatt

Class 3

1 Tom Arnold, res. champion lightweight; 2 Jay Kleinfelter, 3. Rich Boyer; 4 John Risser, 5 Edwin Houser.

(Turn to Page B34)

Eleven-year-old Amy Bachman, Annville was all smiles last week after her Duroc x Yorkshire gilt claimed the grand champion title at the Lebanon County Market Hog Roundup. Posing with Amy are buyers Elmer Plasterer and Joe Kreider, representing People's National Bank, who purchased the 240-pound hog for $4.25, a Roundup record price.

Dorene Eberly, left, of Newmanstown exhibited her Chianina crossbred steer to grand champion honors at last week's Lebanon County 4-H Beef Roundup. The 1310-pound steer was purchased by Dutchway Farm Market, Myerstown for $1.40 a pound. Pictured with the steer are David Martin and Glenn Kilmer, right. (Photos by Jim Zengerle, Daily News)

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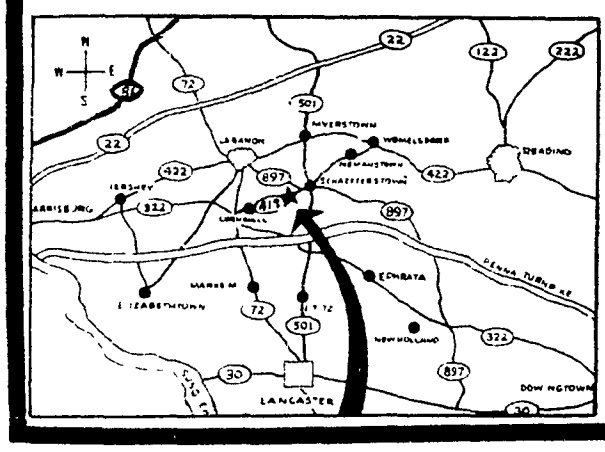

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IFYE to Italy

(Continued from Page B16)

and free of any trouble. This family grew oranges and lemons and Deb admits it's the first time she ever saw either types of trees.

Her eighth family, also located on Sicily, grew only a few olive trees also, as the father's occupation was carpenty.

In addition to learning the langauge, Deb seems to have learned a great deal of independence and self-assurance. During this interview, she sat comfortably on the couch in her Fontana home and, very casually, related how she traveled to Germany, Austria and France by herself, during her last three weeks of stay.

This time, dubbed 'free time,' by IFYE officials, also provided her time to visit her pen pal in Austria.

In retrospect, Deb says she learned a lot about the people and their ways. "Their lifestyle is layed back a lot. Everyone here (in the United States) is concerned about money and how to get more. In Italy, they live for the day. Everyone is totally more relaxed."

Much as she was able to rid herself of stereotypes, she was also able to help her Italian families to see a more realistic picture of Americans.

"They all thought Americans had a lot of money. They think everyone has a nice house and a big car," she remembers. She didn't, however, admit to them that her family alone has four cars.

The Italian people aren't so inhibited in their dress as Americans are, according to Deb. She says she was always under dressed in her jeans and T-shirts. "They're very fashionable when dressing up. They wear bright clothes and even red boots. Around here no one would be caught in red boots. And the women seldom, if ever, wear pants."

To help her remember the little habits of the country, Deb kept a daily journal and always had her 35mm camera loaded with film.

Her journal includes names of families and friends she met, situations she encountered, and little bits of information, such as the price of gas — between $3 and $4 per gallon — and educational requirements — youths are allowed to leave school after ninth grade, unless they wish to pursue college.

Perhaps some of Deb's best memories, though, are of the food. "They love to eat. They usually eat a light breakfast of milk or coffee and biscuits. But for the noon meal, everyone must eat a plate of pasta, soup or rice. That dish is then cleared away and another one placed on the table. They never eat several dishes of food at the same time. It's always one by one. After the pasta comes the meat dish, vegetables, coffee and a dessert," she remembers.

While the meat dish is most commonly pork or chicken, Deb says she ate goat and snails too, but was lucky enough not to have to eat pigeon.

"No," I didn't gain any weight while I was there," she adds laughingly.

One of Deb's favorite experiences during her visit occured with her first host family. Since they could speak no Engligh, Deb learned Italian rather swiftly; but not swiftly enough to converse with her host mother. "She was talking to me one time and could see that I didn't understand her, so she just talked louder."

Perhaps it was the hand signals that saved her till she took command of the language. "They use a lot of hand signals there. Hands can say a lot."

As an example, Deb tells of the time she witnessed a cattle sale. "The guy who wants to sell the cow says how much he'd like for it. Then the buyer says how much he'll give. The two barter back and forth until finally, without much talk, they suddenly shake hands when a price has been named they both like," she relates.

Summing up her experiences, Deb says, "I learned that people are pretty much different all over the country, just like we are all different. Some are rich, some are poor. They really don't all fall into one type."

And that statement is probably just what IFYE officials hope every exchange student will say when the experiences have turned to memories.

The 3-P's version of a mini Farm Show sports games such as this one where the children balance baskets on straw while pushing wheel barrows a certain distance.

IFYE youth brings little Trinidad-Tobago home

By Sally Bair
Staff Correspondent

MOUNT JOY — Shark pizza is not your everyday meal, and soft pretzels dipped in pepper sauce may not strike the Pennsylvania Dutchman as the ideal combination. Neverless, when Rebecca Ruhl was in Trinidad-Tobago and worked with youngsters there, they sometimes had to improvise and these were some of the results.

She says, "I taught them to make pizza and we didn't have meat so we used shark. They really like the pretzels, but they dipped them in pepper sauce."

Another American favorite which the Trinidadians liked was apple pie, something she made often because she had easy access to apples.

Rebecca, Mount Joy, was visiting these island countries as part of a 5½ month experience as an International 4-H Youth Exchangee. She lived with 15 families and learned a lot about their culture.

Perhaps the most striking difference was the slow pace of her hosts. "It is a whole different pace. They are not pushy and they spent more time with each other."

The adjustment was a change for Becky who had just graduated from Kutztown and had enjoyed the frenzied pace of a college student. Nevertheless she says, "I'm slower than I was, and I don't think I'll try to switch back."

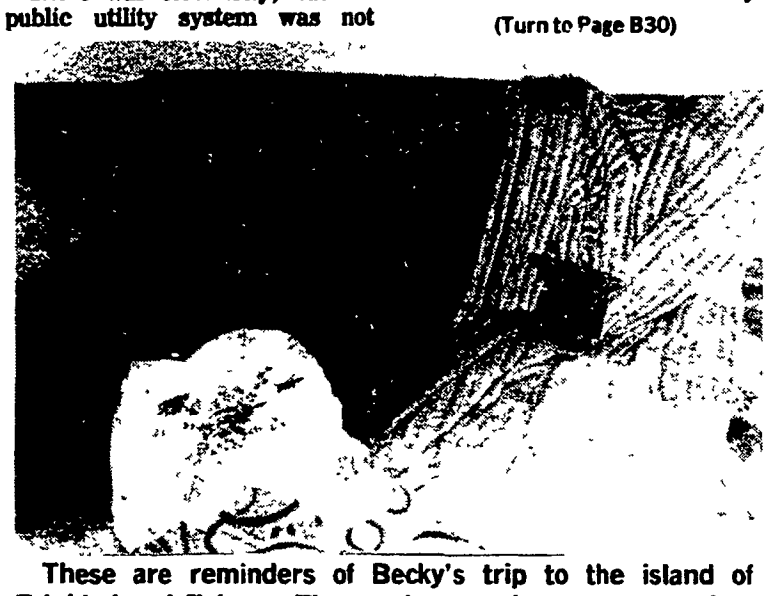
One reason for spending more time together is the lack of telephones which means that when you want to talk with someone you go visit. "They spend a lot of time visiting, or 'liming'."

Another difference between the cultures is that "women's lib is nowhere in Trinidad," Becky reports. "They are interested in fashion and in cooking, but there is no push for women to find a job. They get married and stay at home. It is sort of unwritten, but they don't work away from home after they are married unless their husband is unable to work." She said secretaries in offices are usually unmarried, and she had one family where a woman worked on the roads because her husband was unable to.

Part of the explanation for the women staying at home Becky stated, is that it takes more time to do things because time saving appliances are not as common. "It takes a lot of time to do the cooking and the ironing," she says.

There was electricity, but the public utility system was not reliable, and Becky said, "You never knew when you might need a candle." There is also running water, but washing was done outside with a washboard. Becky

(Turn to Page B30)



These are reminders of Becky's trip to the island of Trinidad and Tobago. The rug is a moslem representation, and the two fabrics are commonly used there. There is a calabsh shell which is sometimes used for eating out of, and the napkin holder was presented to her by a Muslim 4-H club near Charleyville.

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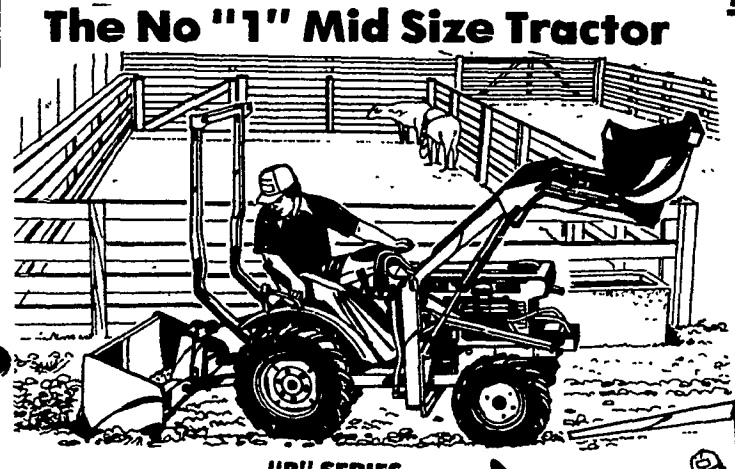

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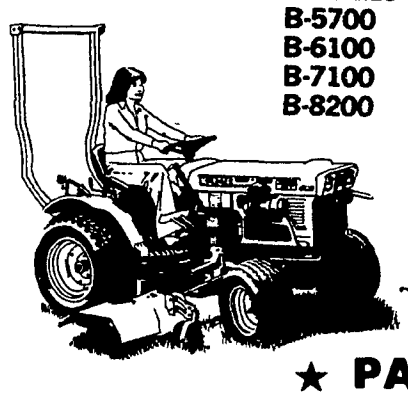

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L-235
L-245
L-275
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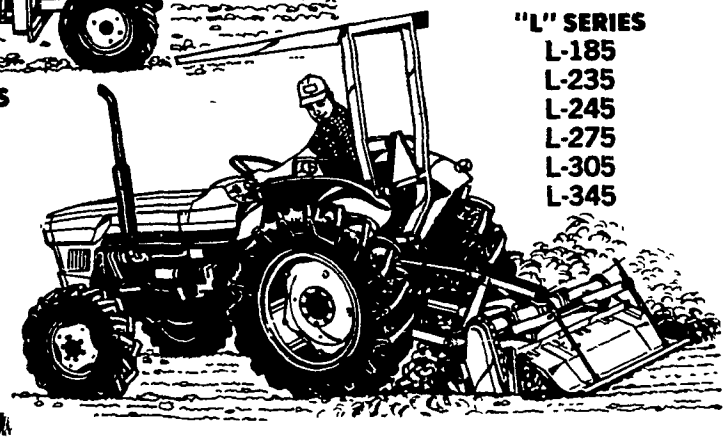

"M" SERIES
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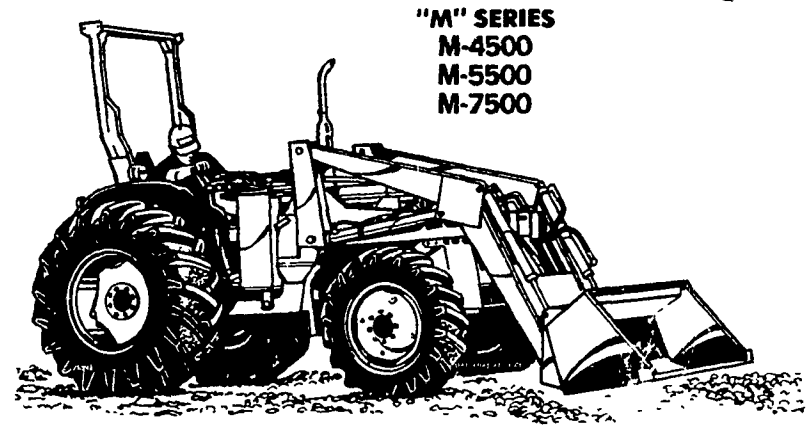

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KUBOTA
We're looking for work.

Trinidad-Tobago

(Continued from Page B29)

smiles, "It takes a lot of time but I enjoyed it. I think you get clothes cleaner washing them by hand." Recently it became a "big thing" to get a washer and dryer.

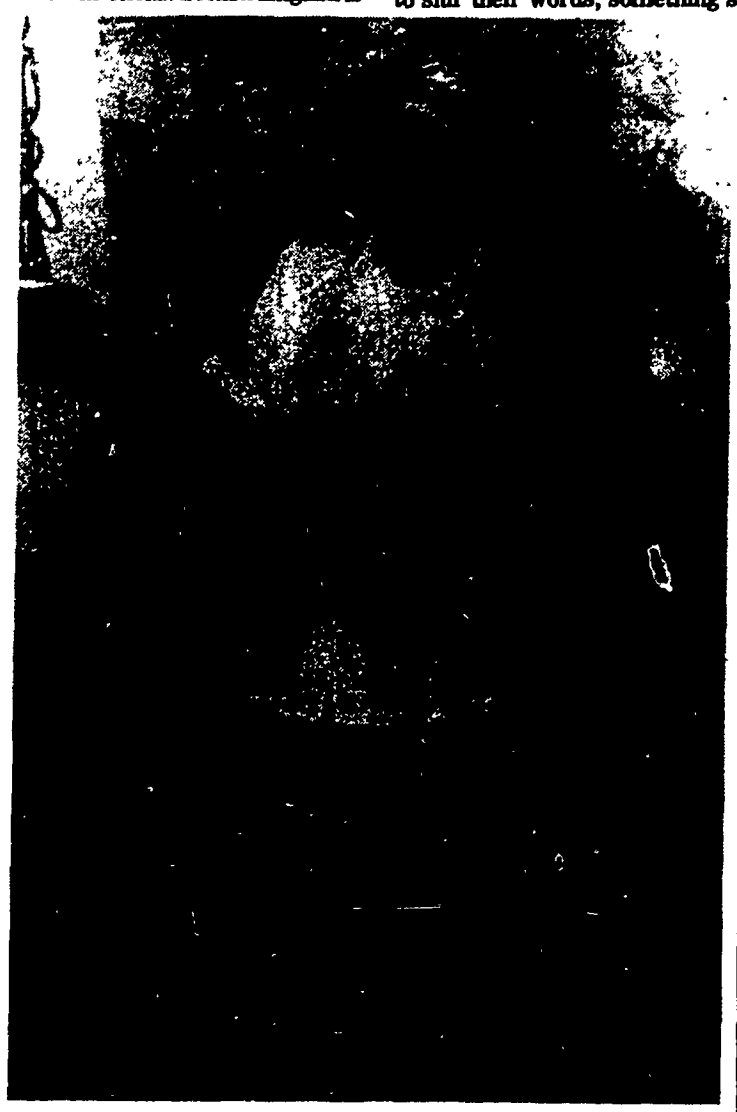
Perhaps the most unusual experience for Becky was being a white person in a black culture. "You read about it, but you don't get the full effect until you see the sea of black faces. It's a shock." After the initial reaction, Becky says, "It didn't affect me."

Many white people visit the island as tourists, so the Trinidadian's image of white people is that they are wealthy. "Most have not been exposed to a white person living with them," Becky recalls. She instantly became a curiosity because, "They had never seen blond, straight hair. A lot of people asked me if I dyed my hair. They would feel it. It was a novelty to be Pennsylvania Dutch in that area." Her blue eyes were also a rarity.

"For some who had never hosted an IFYE, they didn't quite know what to do with me. They always offered their best and sometimes I had to really push to wash or iron. Until they knew me, they treated me differently," Becky relates.

An English trading colony, Trinidad was originally inhabited mostly by slaves brought from Africa. When they became free, about 1830, East Indians were brought in as servants. Eventually Chinese also came as servants. Most of the present Trinidadians have ancestors who were slaves. There is also a mixture of Spanish, French and English, but the predominant cultures are black and Indian. It was an interesting mix for Becky, who learned other traditions.

The language was English, but with distinctions. British English is learned in school, but it was different. Becky says, "I love the language. They talk fast and the emphasis on syllables are different. It is more musical, almost theatrical." She said they also tend to slur their words, something she picked up and has had to work on since her return to the states. Her New Year's resolution? "To speak like an American."



Becky, wearing some of the items she found used regularly in Trinidad and Tobago, is holding the pan which is used to make "roti" a traditional kind of flat bread which she hopes to duplicate for use when she makes presentations about her trip.

Many words were used differently, and in her voluminous journals and notebooks, Becky recorded some of the differences. Instead of processing film, Trinidadians have it "cleaned." If a picture is under or overdeveloped, they say it is "spoilt." Pictures are "snaps," and for some reason film is pronounced as "flim."

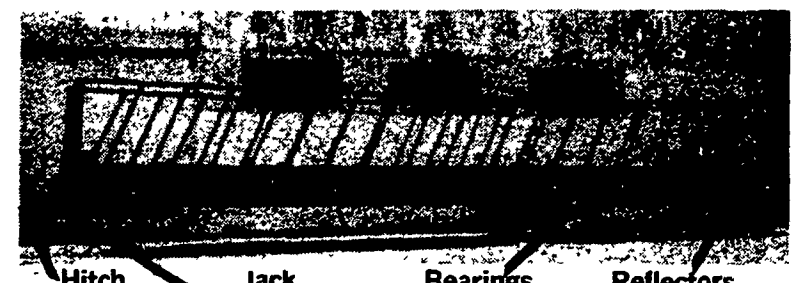
She said Trinidadians are very fond of American music, something which amused her because she loved their music. "They knew more about our music than I did," she says. But for her it was the calypso beat, steel drums and Indian music which she liked and brought home many tapes of the sounds she enjoyed. Making tapes is a big industry there, she relates.

Every home she visited did have stereo equipment and a television. Big hits there were "Little House on the Prairie" and "Dallas." She said they had a lot of English shows and many cultural shows on television along with a nightly talent show, searching out local talent.

Most of her hosts were leaders in the 4-H program, which is run through the schools even though it

(Turn to Page B35)

ALL PURPOSE FEED TRAILER All Metal Construction



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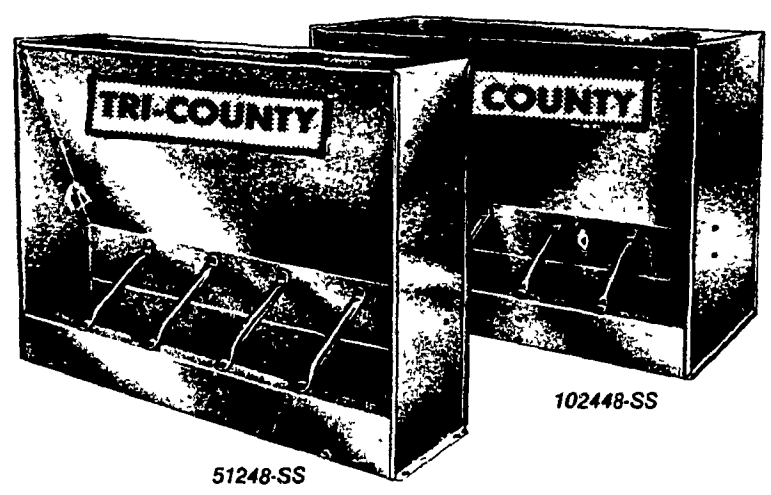

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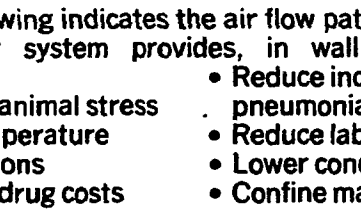

The drawing indicates the air flow pattern that the Martin-Air system provides, in wall mount applications.

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HESSTON — The PRIME LINE

Price residential water to reduce sewage

COLLEGE PARK, Md. — When it comes to human waste, it appears the economic laws of supply and demand still apply.

One way to beat the high cost of bringing the state of Maryland into compliance with the Federal Clean Water Act may be to use pricing policies for residential water use, say two agricultural economists.

In a study for the university of Maryland's Agricultural Experiment Station, economists Michael Strudler and Ivar Strand say a modest change in charges for water and sewer use in metropolitan residential areas could reduce the actual amount of sewage that flows into wast treatment facilities.

If treatment plants have to treat less sewage, say Strudler and Strand, it will cost them and the taxpayers less to bring their plants into compliance with the Act, which has a July 1, 1983 deadline.

Strudler and Strand estimate it will cost the state of Md. $3 billion to meet the clean water standards dictated by the Act.

Pricing policies of approximately $2 per thousand gallons of water use could reduce that $3 billion amount by $21 million, they say.

Strudler and Strand say their study shows a significant cost savings even if only one-third of the state's municipalities - the heavy water users - participated in user pricing policies.

And if municipalities levied pricing policies on industrial users, who were not considered in the study, even more dramatic savings could be realized.

Reduced flows of sewage going into treatment plants means plants would use less chlorine before they return sewage effluent to inland waterways.

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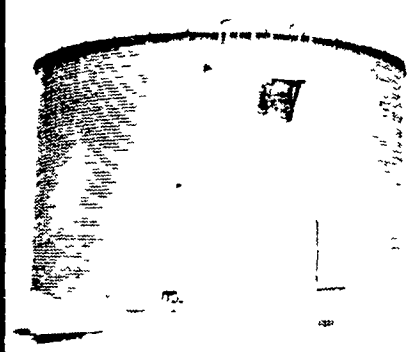
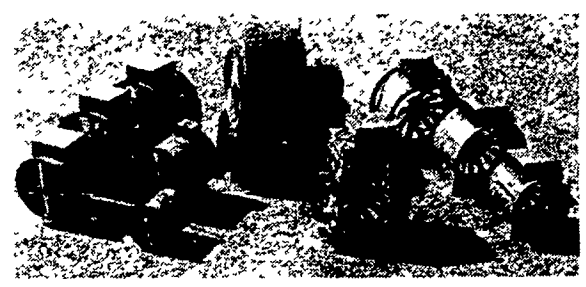


Grain Bin

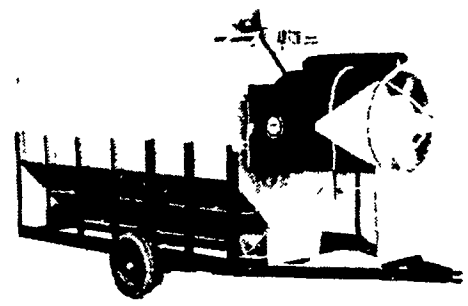
AIRSTREAM



AERATION AND DRYING EQUIPMENT

FEED BINS

FARM FANS



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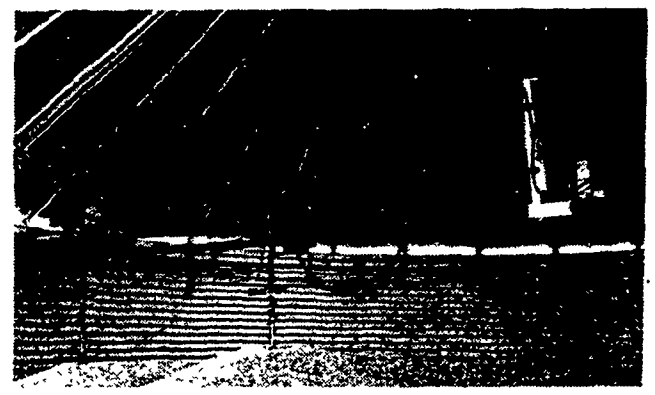

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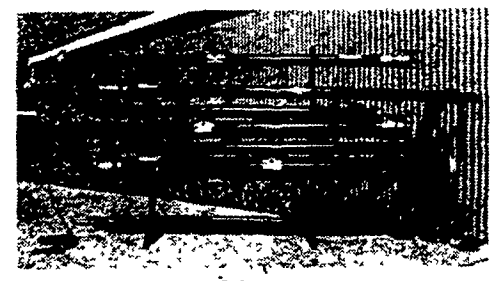

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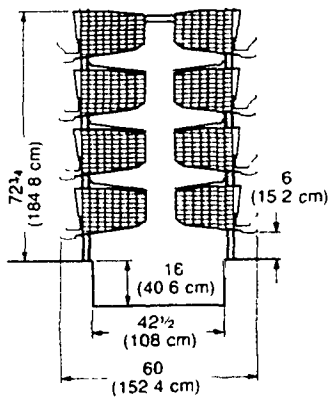

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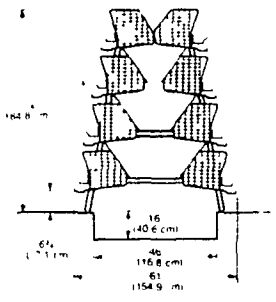

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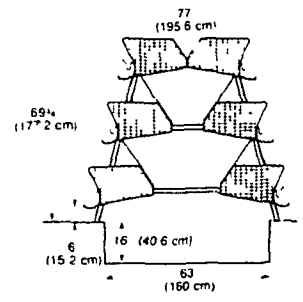

Model 809
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9 Birds/Cage

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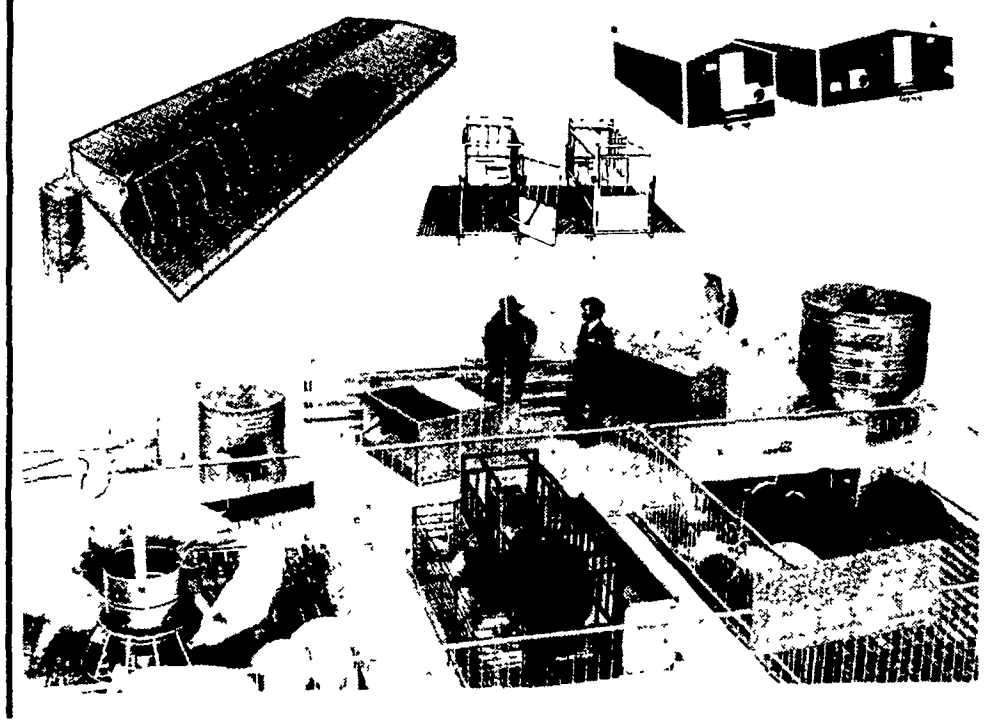

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Manure "equals" money

HARRISBURG — With the rising costs of fuel and fertilizers, the utilization of animal manure is playing an ever increasing role in farm economics. Rich in nitrogen and other elements, manure is essential in maintaining a productive seedbed. Progressive manure management maximizes the fertilizer value of animal waste while minimizing nutrient losses.

According to Sand Swank, soil conservation technician for the Soil Conservation Service, the timing of manure spreading can be most critical in determining nutrient benefit.

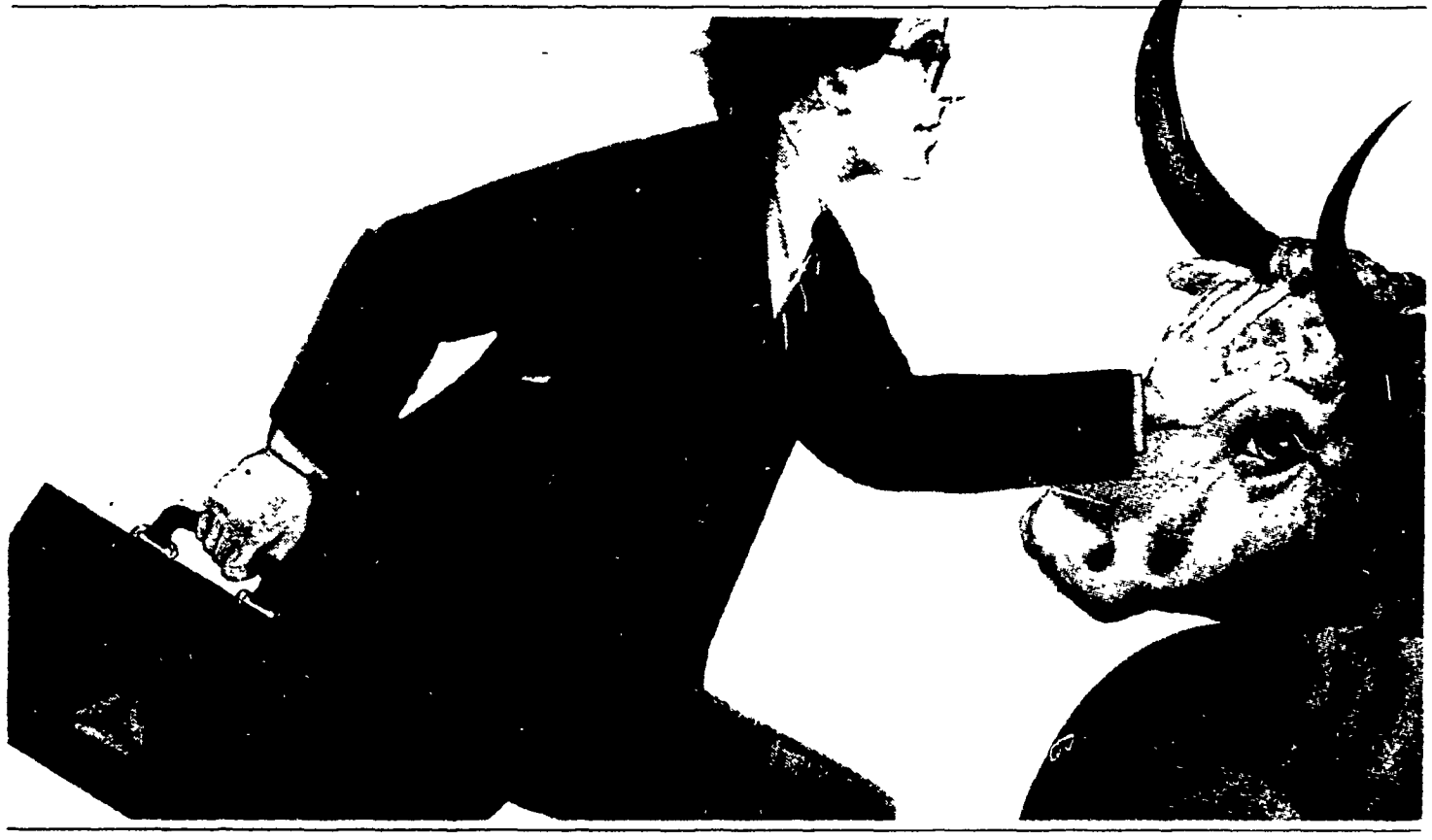
"By incorporating manure into the soil directly after application or within a 24-hour period, nutrient losses are greatly minimized," states Swank. To eliminate or control incoveniences of daily hauling, water pollution, and objectionable odors, SCS has provided tecnical assistance for facilities in Dauphin County.

Swank adds, "These structures have been a great asset to the farmer. Not only do they eliminate daily hauling, but they allow the return of nutrients to the soil that otherwise might be lost."

Each manure storage structure is tailored to meet the specific needs of the farmer, utilizing existing site conditions to the best advantage to help hold down construction costs.

SCS provides technical assistance to plan, construct and maintain manure storage systems. If you have questions concerning manure management, contact the local USDA Soil Conservation Service office.

Commonwealth's two new Money Manager Accounts are pushing the bull right out of the picture.



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Public Sales

xxx

A public sale was held on New Year's Day by Albert L. Glenn of Glendale Farms, 2 miles south of Dillsburg, York Co. There were 328 registered buyers with about 600 people attending the sale.

Some items sold were: Int. 1440 combine w/grain table & floating cutter bar $37,250, Oliver 1750 D tractor $6,900, A.C. 333 no-till corn planter $4,000, A.C. 185 D farm tractor $6,000, 1974 Mack truck tractor twin screw $7,000, 1968 Chevrolet grain truck 16' w/hoist $3,050 and N.H. model 800 manure spreader $6,500.

Auctioneer was Blaine N. Rentzel.

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Lebanon Roundup

(Continued from Page B28)

Mediumweight
Class 4

1 Michelle Weaber champion medium weight, 2 Edwin Houser, 3 Jeffrey Bomgardner, 4 Tammy Weaber, 5 Darryl Bomgardner

Class 5

1 Edwin Houser, res champion mediumweight, 2 Jodi Kreider, 3 Jay Kleinfelter, 4 Jeff Bomgardner, 5 Eric Harnish

Class 6

1 Tom Arnold 2 Amy Weaber, 3 Jay Kleinfelter, 4 Tim Blatt, 5 Bryann Blatt

Class 7

1 Eric Harnish, 2,3 Jeffrey Bomgardner, 4 Daryl Bomgardner, 5 Rodeny Bomgardner

Heavyweight
Class 8

1 Kelly Bachman, champion heavyweight and grand champion, 2 Rich Boyer, 3 Eric Harnish, 4, 5 Bryan Blatt

Class 9

1 Tom Arnold, res champion heavyweight, 2 Kelly Bachman, 3 Christopher Kirst, 4 Daryl Bomgardner, 5 Tim Blatt

Class 10

1 Christopher Kirst, 2 Tom Arnold, 3 Eric Harnish, 4, 5 Rodney Bomgardner

Buddy Hogs
Class 1

1,4 5 Eric Harnish, 2,3 Jodi Kreider

Class 2

1 Jodi Kreider, champion, 2,5 Christoper Kirst, 3,4 Tom Arnold

Fitting and Showmanship
8-11

1 Kelly Bachman, champion fitter, 2 Christopher Kirst, res champion fitter, 3 Daryl Grumbine, 4 Michelle Weaber; 5 Jeffrey Bomgardner

12-15

1 Edwin Houser, 2 Amy Bachman, res champion showman, 3 Rich Boger, 4 Amy Weaber, 5 Eric Harnish

16-19

1 Jodi Kreider, champion showman, 2 Tom Arnold, 3 Bryan Blatt, 4 Tim Blatt

STEERS
Mediumweight

1. Dorene Eberly, grand champion; 2. Tom Arnold.

Heavyweight

1 Rodney Bomgardner, res grand champion, 2 Edwin Houser

Buddy Steers

1 Tom Arnold, 2 Bryan Eberly

Fitting and Showmanship
12-15

1 Rodney Bomgardner, reserve champion fitter, 2 Edwin Houser, 3 Rich Boyer; 4 Bryan Eberly, res champion showman

16-19

1 Dorene Eberly, champion fitter and showman, 2 Tom Arnold.

Fireplace safety is your responsibility

LANCASTER — Every year thousands are injured from accidents associated with fireplaces. The most serious injuries are burns, and most of the victims are children.

Now that we are at the start of a new heating season, it's a good time to protect your family by proper maintenance and sound fireplace habits.

Each year, have your chimney cleaned of creosote and checked to be sure linings and chimney construction are tight. Check that vents and openings are operating properly. Make sure your chimney guard is tight because squirrel and bird nests can stop up your chimney.

Always use a screen that completely covers the opening around a fireplace to keep sparks from flying out. Don't put combustible materials, such as carpets or furniture, near a fireplace.

Always keep the damper open while the fuel is burning to provide sufficient ventilation for efficient burning and to prevent the accumulation of poisonous or explosive gases from burning fuel.

Don't use gasoline or other flammable liquid to start or restart a fire because the flammable vapors can explode. Never use flammable materials in a room near a fire because explosive vapors can travel from where you are to the fire.

Don't use coal, charcoal, or polystyrene packing in a fireplace unless the fireplace is well-ventilated. Don't use more than one artificial log at a time. These are treated to ignite quickly, and if too many are used at once, they can produce more heat than some fireplaces can withstand.

USDA announces new port of entry for pet birds

WASHINGTON, D.C. — U.S. Department of Agriculture officials have listed Hidalgo, Texas, as a port of entry for imported pet birds to replace Brownsville, which they are proposing to close.

Dr. Samuel S. Richeson, a veterinarian with USDA's Animal and Plant Health Inspection Service, said Hidalgo is being opened because it is closer than Brownsville to the facility where birds are held in quarantine.

"USDA's quarantine facility is a Mission, Texas, about 25 miles from Hidalgo, but 80 miles from Brownsville," Richeson said. "It will be much more economical and convenient to bring imported birds through Hidalgo."

Richeson said pet birds from all countries except Canada must pass a minimum 30-day quarantine at port-of-entry facilities. This is necessary to prevent the introduction of exotic Newcastle disease, a highly contagious avian disease that is usually fatal to chickens. Other USDA ports-of-entry are New York, N.Y.; Miami, Fla.; Laredo and El Paso, Texas; Nogales, Ariz.; San Ysidro and Los Angeles, Calif.; and Honolulu, Hawaii.

Richeson said about 45 pet birds will be brought into the country through Hidalgo each year.

The listing of Hidalgo as a pet bird port-of-entry and the proposed closing of Brownsville was published in the Dec. 23 Federal Register. Public comments on these actions may be submitted until Feb. 22, to the deputy administrator for veterinary services, APHIS, U.S. Department of Agriculture, Md. 20782.

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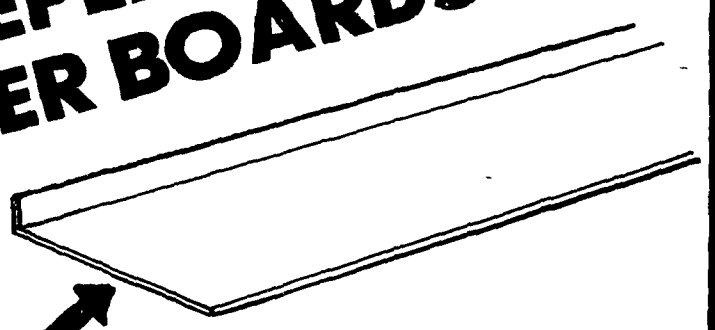

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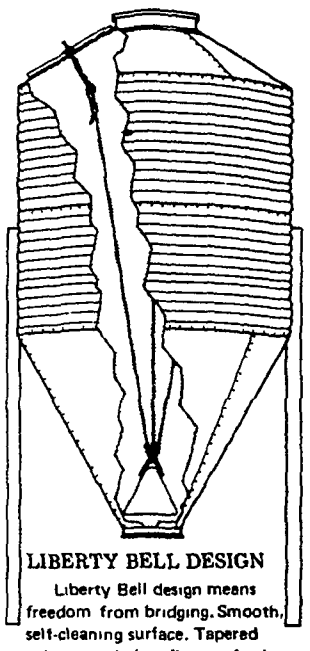

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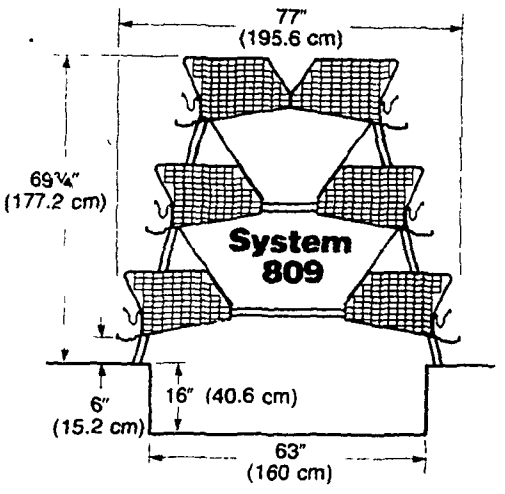

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Trinidad-Tobago

(Continued from Page B30)

is funded by the Ministry of Agriculture. It formerly was funded by the Ministry of Education, and the clubs meet after school, often using school grounds for planting vegetable projects. Many teachers are volunteer leaders. They do many projects in handicrafts and woodmaking, along with the more traditional cooking and sewing.

But, according to Becky, "They need volunteer leaders and need to get out and teach about 4-H." Each club has its own achievement day and there is also a county exhibition where projects were displayed, but not judged.

Becky worked with two 4-H camps, one a fishing camp and one a cooking camp. At the fishing camp, they learned about bait, the different kinds of fish and where they live in the ocean, and how to fish for them. Tobago was a big fishing area, and Becky had the opportunity to fish while visiting there.

Very few of her hosts were farm families, primarily because there are few farmers, with the government owning the large plantations which raise sugar cane, the most predominant agricultural product on the islands. But she says, "Most have gardens, and they keep chickens, ducks and fruit trees."

There are also cocoa and coffee estates which are operated by independent farmers, as well as fig plantations which raise figs and mangoes. Coconut oil production is a large contributor to the agricultural economy, and fishing is important, along with pineapple plantations.

With the market for sugar down, rice is being looked at as an alternative product. Rice is now imported from China, but makes up a large part of the diet.

In Becky's opinion, "Farming is on the way up. You can be trained in agriculture schools. That's why 4-H is important - they need incentive."

Becky calls Trinidad a "land of extremes," and says they found her Pennsylkvania Dutch cooking bland. "Their food is very, very hot." She said most meats are prepared in curries or stews, with chicken the most popular meat, even with Hindus.

There is some hunting done on the islands and she had such interesting game as iguana ("not my favorite," she said) and armadillo. The secret with armadillo is separating the skin from the meat. She learned, but will it be a useful skill now that she's back?

Her experiences, Becky said, "opened a lot of possiblities for me. They are a developing country. We are so developed here, and everything's been done. There is so much room for new ideas and they have so much potential.

"I found out how little we know about that country. They know more about the world than I do." She said she found the people very intelligent and very knowledgable about people, about history and about Pennsylvania.

She says emphatically, "I'm going back. When I got back, I put all my change in a can and started a Trinidad fund." She said the whole experience makes her want to travel more, although she is still interested in design which is what she studied at Kutztown.

For now, she is keeping busy getting reacquainted with her family and friends, and sorting through her slides which number nearly 1000. She is eager to give presentations to groups on her experiences on the islands of Trinidad and Tobago and is working on perfecting some of the things she learned to cook.

Although she's only been back in this country for a month, she enjoys re-reading her journals and reliving her visits with her hosts. She says, "I would definitely recommend the IFYE program."

Warwick YF sets meetings

LITITZ — Twenty-eight agricultural representatives attended an organizational meeting of the Warwick Young Farmers Monday night and proceeded with plans to form the new chapter.

The group set up a series of meetings for the near future.

The tentative schedule of twice monthly meetings on the first and third Mondays from 7 to 9 p.m. at the Vo-Ag Department of Warwick High School includes:

January 17 and 31 – Two-meeting session on pesticide certification.

February – Farm machinery repair and no-till corn.

March – Soil fertility and a short course on micro-computers.

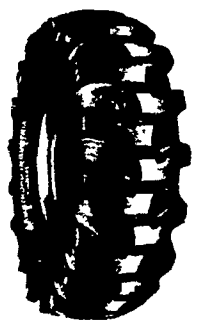
In April, the group plans to return to once monthly meetings and formally organize with the election of officers.

Anyone interested in joining the new chapter should contact Mr. Gerber or Miss Shaner at the Warwick Vo-Ag Department or attend one of the meetings.

I'M NOT LION...

The Classified Livestock Section Has Beastly Selections!

BACK HOE TIRES



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13.6x38, 6 ply	$191.15
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14.9x38, 6 ply	$224.00
15.5x38, 6 ply	$220.72
16.9x34, 6 ply	$250.00
16.9x38, 6 ply	$275.00
18.4x38, 8 ply	$364.12
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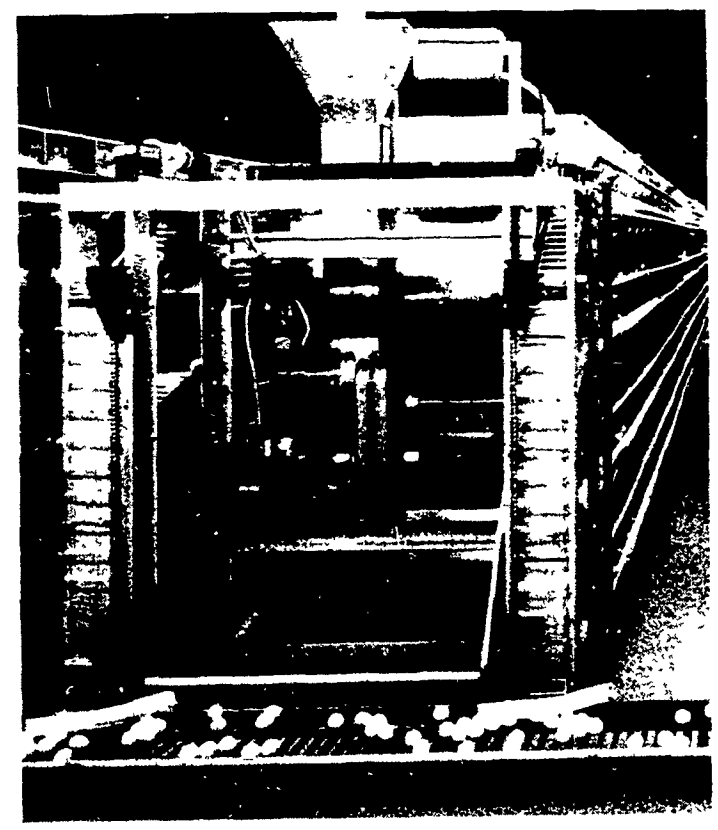

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ZIP PHONE

Soils point to fracture zones

COLLEGE PARK, Md. — Can scientists determine the location of fracture zones beneath the earth's surface just by examining the soil that covers them.

Perhaps they can under certain circumstances, according to soils scientists at the University of Maryland's Department of Agronomy.

Fracture zones are areas of concentrated cracks in bedrock and are fairly good indicators of underground water and ore deposits.

Now in addition to using a seismograph to locate these areas, Maryland scientists say some soils point to fracture zones.

In a study of the Maryland Piedmont area - a section of the state that extends from the Chesapeake Bay west just beyond Frederick - soils scientists R. G. Darmody and J. E. Foss found that soils over fracture zones were thicker, redder and had more clay content than the same types of soils found elsewhere.

The two say their model of soils distribution and its relationship to fracture zones could be used by engineers who must give consideration to underground terrain when they plan large construction sites.

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See Ad Page C3

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Wanted - Pasta making machine and elec. wheat grinder for kitchen use. Lanc. Co. 717/426-3992.

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For Sale - 1969 F-500 Ford 12' flat bed. Engine comp. overhauled. Less than 5000 miles. $2200.00. Dauphin Co. 717-469-7351, 717-469-2632.

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For Sale - 17 Milk-O-Meters, D.H.I.A. app., just calibrated, $50.00 ea. Perry Co. 717/567-3276.

For Sale - JD M. tractor w/cultivator, $2500.00 1951 model. Lanc. Co. 717/354-5658.

Wanted - A hoe sawmill blade or Simpon blade, size 46 in. to 52 in. 717/356-2511. Eve. Columbia.

For Sale - 1982 Honda 250 RATC. Good shape $1400/best offer. Lanc. Co. Ask for Paul after 5 p.m. 215/286-9772.

For Sale - 606 Int. utility gas tractor. 3 pt., p.t.o., P/S, T/A, w/7' rotary mower, hyd. loader. Cambria Co. 814/674-5441.

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For Sale - Pickup truck w/snow plow, GMC ¾ ton, 4-wheel drive, $2600.00. 302/994-2996 before 8:30 a.m. or after 7 p.m.

Wanted - Used water heater w/good control & Suburban wood or coal stove. Samuel Stoltzfus, Rt. 7 Box 298, Coatesville, Pa. 19320.

For Sale - Coon hound pups. Mixed blk & tan w/Doberman pincher. Jonas K. King, RD 3 Box 167, Honey Brook, Pa. 19344.

For Sale - 24' stake body w/sides $200.00. 12 ft. & 18 ft. van bodies wrecked, good floors. Berks Co. 215/286-5311.

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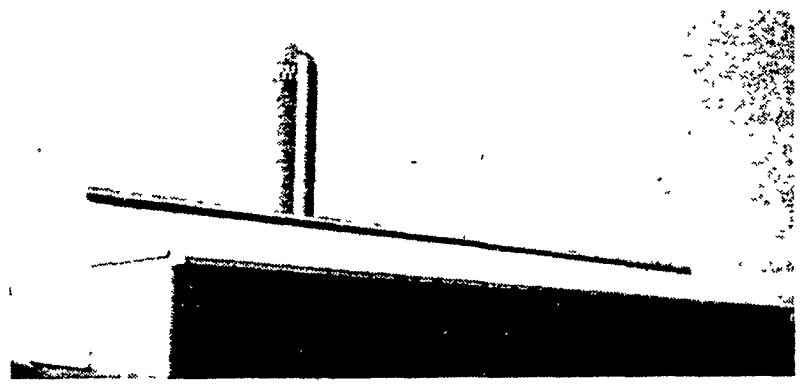

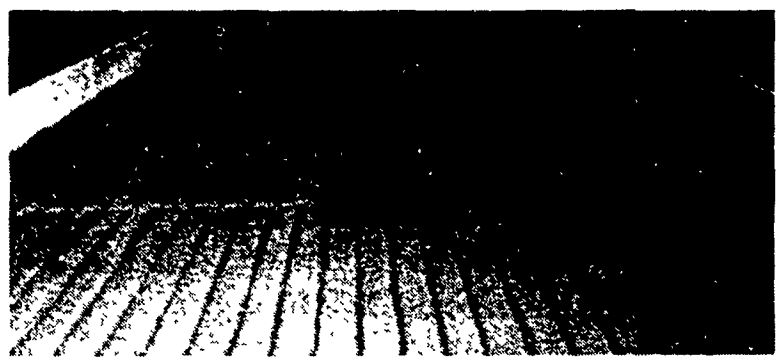

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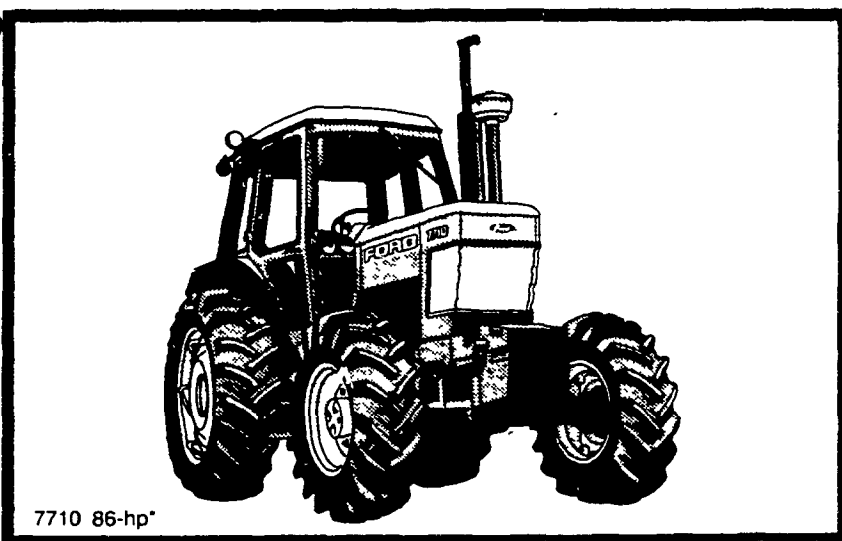
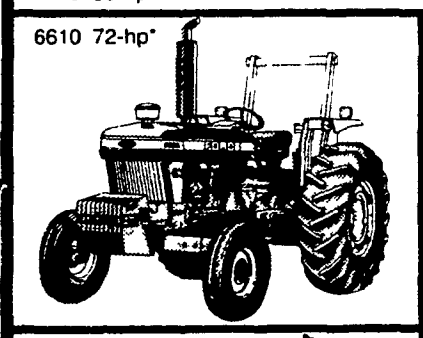
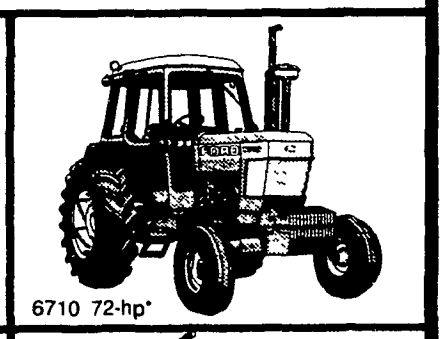

7710 86-hp*


6610 72-hp*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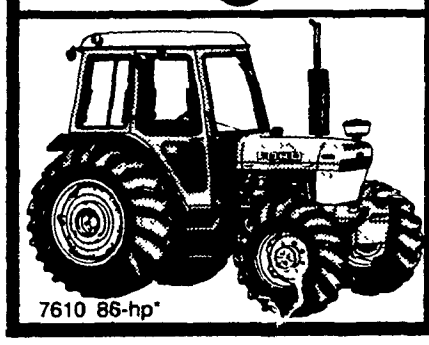
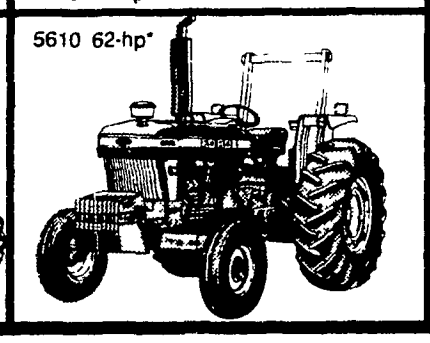

7610 86-hp*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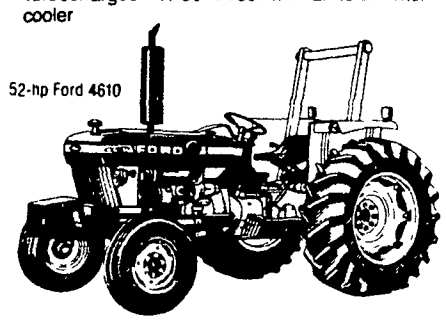
52-hp Ford 4610



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4-row W	$ 500
4-row N	$ 500

7000 Conservation:	
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8-row W	$ 800
6-row N	$ 700
6-row W	$ 600
4-row W	$ 500
N=Narrow	*W=Wide*

PLUS

1 APRIL '83 WAIVER OFFER

Finance your new Max-Emerge planter with John Deere and you can have the finance charge waived until April 1, 1983. Remember, this waiver and the money bonus are yours, from John Deere, beyond any discount we make to you on your planter purchase. (John Deere finance and lease plans subject to approved credit.)

Get our best deal...get a John Deere money bonus...and get a waiver for financing with John Deere. But act promptly, this offer may be withdrawn at anytime.

LEHIGH AG EQUIPMENT

(Formerly Chapman Equipment Center)

Division of Faindl's FARMS

RD #2, Wescosville, Pa. 215-398-2553

Area codes 215 & 717 - Toll Free - 1-800-322-9289

Area Codes 201 & 609 - Toll Free - 1-800-523-9323

JOHN DEERE

LEHIGH AG EQUIPMENT

Wescosville, Pa.

JOHN DEERE

Division of Faindl's FARMS

Only $150 for a complete John Deere tractor inspection...with free pickup and delivery!

PRIORITY SERVICE CHECKLIST—TRACTORS

ENGINE

- ☐ Intake System (vacuum switch operation-intake hose condition and clamp tightness)
- ☐ Air filter
- ☐ Exhaust system
- ☐ Head gasket
- ☐ Oil leaks
- ☐ Engine idle speeds
- ☐ Fuel shut-off operation
- ☐ Valve lash adjustment
- ☐ Crankshaft damper runout and condition
- ☐ Inspect water pump weep hole for signs of coolant leakage
- ☐ Check water pump pulley fan wear
- ☐ Turbo inspection

FUEL SYSTEM

- ☐ Injection pump-timing
- ☐ Check mechanical-design aneroid adjustment (if equipped)
- ☐ Nozzles and lines
- ☐ Sediment bowl
- ☐ Transfer pump
- ☐ Tank and filters
- ☐ Fuel leaks
- ☐ Throttle lever friction disks
- ☐ Make power check

ELECTRICAL SYSTEM

- ☐ Generator/alternator charging
- ☐ Generator/alternator pulley
- ☐ Starter operation
- ☐ Battery (specific gravity)
- ☐ Battery cables/ends
- ☐ Wiring harness
- ☐ Lights
- ☐ Gauges/indicator lights
- ☐ Neutral start switch adjustment
- ☐ Air conditioner operation
- ☐ Check wiper motor operation and blade condition
- ☐ Check wiper bkd operation
- ☐ Check blower switch operation

POWER TRAIN

- ☐ Clutch operating PSI
- ☐ Clutch lube PSI
- ☐ PTO clutch and brake (PSI and operation)
- ☐ Clutch free-play
- ☐ U-joints and guards-4WD
- ☐ Front differential-4WD
- ☐ Final drives
- ☐ Axles-outer axle seal and bearing condition
- ☐ Leaks
- ☐ Differential lock/brake pedal adjustment
- ☐ Maintenance items:
  - ☐ transmission oil filter
  - ☐ clutch oil filter (4WD @ 200 hours)
  - ☐ hydraulic oil filter (4WD @ 600 hours)
  - ☐ lubricate transmission shift linkage (4WD)
  - ☐ front differential oil (30 series 4WD @ 1200 hours or yearly)
  - ☐ transmission/hydraulic oil (1200 hours)
  - ☐ transmission breather cap
  - ☐ transmission screen

STEERING AND BRAKES

- ☐ Steering [illegible]
- ☐ Steering valve
- ☐ Steering cylinder and steering hoses
- ☐ Brake operation
- ☐ Brake valves

HYDRAULIC SYSTEM

- ☐ Rockshaft [illegible] cycle time
- ☐ Draft sensing cylinder
- ☐ Sel. control valve operation/cycle time
- ☐ Main pump standby PSI
- ☐ Main pump coupler
- ☐ Main pump quick check
- ☐ Rockshaft valve clearance adjustment
- ☐ Remote control lever rod adjustment
- ☐ Load control arm extension adjustment
- ☐ Lines and clamps
- ☐ Leaks
- ☐ Manual bypass valve position (if equipped)

COOLING SYSTEM

- ☐ Radiator
- ☐ Radiator cap(s)
- ☐ Fan belt
- ☐ Fan pulley
- ☐ Hoses
- ☐ Water pump shaft play
- ☐ Coolant leaks
- ☐ Coolant change
- ☐ Coolant conditioner filter change (if equipped)

OPERATOR STATION

- ☐ SGB mountings
- ☐ Seat operation
- ☐ SGB glass
- ☐ SGB filter condition
- ☐ SGB cleaner

MISCELLANEOUS

- ☐ Drawbar
- ☐ Frame and weights
- ☐ Wheels and tires
- ☐ Sheetmetal
- ☐ Heater/air conditioner (heater valve, thermostatic control valve, A/C [illegible])
- ☐ PTO cover and shield
- ☐ SMV sign
- ☐ Front axle mounting torque (R-C)
- ☐ Rotary shaft [illegible] cap screw
- ☐ [illegible] torque
- ☐ [illegible] maintenance
- ☐ Check A/C evaporator and heater core for [illegible]
- ☐ Grease entire machine

WINTER REPAIR SPECIAL

10% OFF

On all John Deere Service Work - No Minimum - From January 1, 1983 to February 28, 1983

DISCOUNT APPLIES TO ALL SERVICE WORK DONE IN OUR SHOP INCLUDING HAULING, LABOR, AND JOHN DEERE PARTS USED PERFORMING THE JOB.

☆ FIELD SERVICE EXCLUDED ☆

Make all your farm machinery repairs now to avoid wasting valuable time and money in the busy Spring. Our mechanics are experts...call soon!

By Appointment Only.

LEHIGH AG EQUIPMENT

(Formerly Chapman Equipment Center)

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JOHN DEERE

RD #2, Wescosville, Pa. 215-398-2553

Area codes 215 & 717 - Toll Free - 1-800-322-9289

Area Codes 201 & 609 - Toll Free - 1-800-523-9323

MAILBOX MARKET

For Sale - 227 mounted JD cornpicker. 2 row ironage. Double row potatoe planter w/temic applicater. York Co. 717/244-4676.

For Sale - White 2 lid coal & wood stove. Cast iron base board, also Radiator bucket-a-day stove. Sch. Co. 717/345-3427.

Wanted - ATC Elec. start low mi. Prefer Honda. Consider others. Also dump cart. Located in Col. or adj. counties. 717/864-3373.

Wanted - 12 in. planer/molder. Also a drill press bench or floor model. Sch. Co 717/385-2781.

For Sale - High moisture ear corn or shelled. Lycoming Co. 717/998-2057.

Wanted - A pair of tractor tires 12 x 38 with or without tubes. 215/932-2039.

Wanted - Reese hitch or equivalent, also stabilizer bars. Chester Co. 215/932-8801.

For Sale - Bedminster, 33 fenced-in acres, orchard, 6-bedroom home. New coal-stoker furnace, 2 porches, balcony, $169,000. Bucks Co. 215/795-2519.

For Sale - '73 Pontiac Catalina. Runs good, looks good, excellent trans. Any reasonable offer. Mont. Co. 215/933-6401.

For Sale - Ice skates, like new, child's Reidel size 10, women's size 3 & 6. Boy's size 1. Chester Co. 215/932-4728.

For Sale - 1 Woods bale buster without motor, $150.00. Bucks Co. 215/794-8287.

For Sale - Perlick beer dispenser, less condensing unit, 2 dispensers plus water, stainless steel. RD #1, Box 102A, Unityville, Pa. 17774.

For Sale - Six ton square-type bin. Split w/2 compartments. Lanc. Co. 717/367-7831.

For Sale - One only. New 35 ton commercial log splitter, handles 34 in. logs, $1950.00; other sizes avail. Lanc. Co. 215/267-3054.

For Sale - JD 7000 corn-planter units w/fertilize & insecticide, 2 or 4 rows. $350.00 per row. Lanc. Co. 215/267-6547.

For Sale - 1973 Chev. sport van, 8 passenger, long wheelbase, Beauville 20 series, black, AC, 61,000 miles. Franklin Co. 717/263-9253.

For Sale - Overhead door 25' wide x 12' High w/electric opener. Could be cut narrower. Lanc Co Eve. 717/687-8237.

For Sale - 1976 Dodge Dart. 2 dr. AT. P.S 6cyl. $2600.00. Never used snow blower, $125.00. Lanc. Co 717/656-6247.

For Sale - Corn silage-Oliver 1650D-Farmall A w/hyd & cuttivator. Columbian range w/water front. Riteway woodstove. Lanc. Co. 717/354-9305.

For Sale - 5 yr old standard bred driving horse, big enough for carriage Enos Esh. 142B Queen Rd. Gordonville, Pa. 17529.

Notice - FREE: 2 male beagles and 2 U.K.C. registered treeing worker coon dogs. All 15 mos. old. Lanc. Co. 215/267-4400.

For Sale - 15 cu. ft. Frigidaire refrigerator w/top freezer. Very good cond. Lanc. Co. 717/733-7718.

For Sale - L.B. white farm heater, new cond. $225.00. 301/795-3258.

For Sale - '72 GMC Sierra Grande pick up truck. Long box ¾ ton, white spoke wheels, mud grips. Berks Co. 717/933-8079.

For Sale - Case 3 or 4 bottom 14 in. Eagle hitch plow, $300.00. Robert Hines, RD 2 Box 90, Newport, PA. 17074.

MAILBOX MARKET

For Sale - Canadian Land 63 acres, 100 miles N. of US border. Fishing, hunting, 1 acre wooded. Great retirement. 717/632-7472.

Wanted - 4 row no-till corn planter, any cond. priced accordingly, evenings 814-662-4203 Somerset Co.

For Sale - 50 feeder pigs, about 50 lb. average, Yorkshire & Duroc cross. Amos Miller, 238 Newport Rd., Leola, PA.

For Sale - 110 acre farm, 90 acres tillable w/possible dairy, also broiler house presently under contract. Adams Co. 717-359-4975.

For Sale - Tank and 350 units semen. Bulls as Marvex, Bootnick, Capsule, Jethro, Originator, Topper $1250. New Windsor, Md. 301-775-7493.

For Sale - Pixall snapbean picker teeth. Small enclosed sand blaster with extra and blasting grit. 215-942-2271.

For Sale - Reg. Border Collie, 8 mos., female. Harford Co., MD. 301-557-9311.

For Sale - Red Angus bull, 2½ yrs. old. Good personality, Chester Co., 215-486-0213.

For Sale - 1978 Ford Ranger Lariat pick-up truck, 351, 4 speed overdrive. 201-454-4132 after 5 p.m., Warren Co.

For Sale - Better Bilt high pressure manure pump in good cond., for use in liquid hog manure, Bedford Co., 814-766-2308.

For Sale - Reg. American Nubian doe, Longman, 8 mos old, $75. Grade Nubian doe, $40. Cumb. Co., NJ 609-455-3902.

For Sale - 16" South Bend lathe quick change tappee, 5C, chucks $1500. Dick Vincent, Gap, PA. 717-442-4203 Lanc. Co.

For Sale - Reg. Holstein heifer due in March to Magic. Dam V.G. Ex Mammery, $1200. Mercer Co., NJ 609-896-1237.

For Sale - A few Pa. wild turkeys. A few ornamental pheasants, 717-349-7436 Franklin Co.

For Sale - 3 hp Copelamatic compressor $325. SP11 - Surge vacuum pump w/electric motor, runs three milks $100. York Co. 717-235-1624.

For Sale - NH #708 Crop Dryer and #763 Drying Bin, Two- 5 H.P.; 3 Phase Motors. Berks Co. 215-488-6211.

For Sale - Three DeLaval sterling milkers, $200 a pc. or make offer on all three. D. Brown, Flemington NJ 201-788-6858.

For Sale - Tractor tire chains. Size 13.6 x 28. Used very little. Lebanon Co. 717/867-1403.

For Sale - Charolais cow w/bull calf (purebred). Other bulls avail. York, Co 717/432-5731.

For Sale - 1966 Ford pick up bed, $45.00. 1970-73 Ford parts. 1968-73 Int. parts. Dau. Co. 717/545-2086 eves.

Wanted - 24" backhoe bucket for JD 93A, also backhoe for JD 450 crawler loader or equiv. Berks Co. 215/582-4001.

For Sale - New truck chains, size 10.00-20, 2 pairs. $180.00 for all. Berks Co. 215/589-5228.

Wanted - 2 used 10-28 or 12.4-28 tractor tires in good cond. Berks Co. Ask for Neuin after 6. 215/987-6813.

For Sale - JD 1600-10T chisel $1075.00. Wanted - Stoltzfus boom-type fertilizer spreader in good cond. Bedford Co. 814/766-3591.

For Sale - Late model Meyers plow $1000.00. '78 Chev. 4 x 4 C-20 pick-up loaded w/plow $5000.00. Ford blower. Mont. Co. 215/234-8728.

MAILBOX MARKET

For Sale - Border collie pups. $25.00. 717/529-2396.

For Sale - 2 pr. 4 & 6 yr. old work horses, ready for work; 6 yr. old logging horse. 717/656-9548.

For Sale - Used barn equip. Agway & Starline water bowls; hardware for Lanc. belt feeder & conveyor; Harvestore supplement meter. 717/653-5980.

For Sale - Small holstein herd most recently fresh or close springers w/nice udders $750-$1000. Franklin Co. 717/263-5702 or 264-4298.

For Sale - N.H. 268 baler. Gd. cond. Works good. $800 del. 215/488-6315.

For Sale - Oliver 3 pt 3-14" plow spring trip, Exc Cond. $650. Corn planter. Lanc. Co. 717/626-1467 after 5 p.m.

For Sale - Cultipacker and Oliver grain drill. Hog feeders. Lanc. Co. 717/665-5683.

For Sale - Snowmobile/utility trailer; 7' x 11' tilt bed w/sides. Lanc. Co. 717/733-7124 after 3:30 p.m. or before 7:15 a.m.

For Sale - Economy 5 H.P. gas engine $450; International 6 H.P. gas engine $550; NH S-1 saw. Bucks Co. 215/536-3047.

Wanted - Used S/S milk tank. 275 to 400 gals. Round-no compressor. Chester Co. Evenings 215/268-8362.

For Sale - 5 K.W. belt drive generator w/or without Wisconsin engine. John M. Sauder, Box 197B, East Earl, Pa. 17519.

For Sale - 1975 I-H ¾ ton w/steel bed V-8 4 spd. tires, looks & runs gd. $2100.00. Bucks Co. 215/794-8431.

For Sale - 4 ½ H.P. Bamfords diesel, slow spd. $450 or best offer. Servel gas refrig, single door. Lanc. Co. 717/733-2431.

For Sale - Gd. used Amish buggy. Hyd. brakes-roller bearing wheels. Stephen Allgyer, Cambridge Rd. White Horse, Pa. 17527 Lanc. Co.

Wanted - Breeding age bull to run w/heifers. Prefer Angus or Hereford. Benuel S. King, Belmont Rd. Route 2, Ronks, Pa. 17572.

For Sale - JD 16A Flail chopper almost like new $2900.00. NH 404 hay crusher. Gd. shape $250.00. Lanc. Co. 717-464-4135.

Wanted - Gooseneck trailer. Also For Sale: quilt tops made to order. Lanc. Co. 717/656-8819.

For Sale - Semen 4 units silver shade line Chief Rorae $90; 5 units Glendell Arlinda Chief $220. Lanc. Co. 717/548-3814.

For Sale - Steel gray 4 yr. old approx. 1700 lb. gelding. Well broke to work or ride. Elk Co. 814/834-4960.

Wanted - Water pump and two 38" truck wheels for a 10 HP International Mogul tank cooled engine. Carroll Co. Md. 301/346-7327.

For Sale - 4 Fasco space heaters 2,500 watt 220 volt $30.00. Very gd. cond. Berks Co. Call after 4:00 p.m. 215/777-5594.

For Sale - 1969 jeep CJ-5, 413 CI engine 4 spd, spare tire rack, 12 x 15 tires, alum. wheels. Dauphin Co. 717/362-3593.

For Sale - Badger vacuum liquid manure tank, 1500 gal. Gd. cond. $4000.00. Berks Co. 215/562-8451.

Notice - Trade - Bred ewes for hay. mature western or suffolk ewes bred to ram for black lambs. Berk Co. 215/777-1653.

For Sale - JD #70 skid loader w/2 buckets choice of 2. Also front end weights, $18.00 ea. Adams Co. 717/528-4914.

MAILBOX MARKET

For Sale - Fire Wood. Cut your own. $15.00 per load. Jacob L. Stoltzfus, #2 Box 150 Park Rd. Honey Brook, Pa. 19344.

For Sale - 2-6 ply 16.9 x 24 tractor tires $50.00 ea. 6 p.m. 215/326-0156.

Wanted - Used yardman earthbird tiller for parts. Chester Co. 215/326-8714.

For Sale - ID9 crawler tractor in good shape. Lanc. Co. 717/733-6474 or 717/733-0229.

For Sale - #1 red delicious apples $4.99 a bu., 10 bu. min. Also, 1979 Ford 350. Lanc. Co. 717/872-5263.

Wanted - Irrigation pump, pipe for 2-6 acres. Will person with pump please call again? Susquehanna Co. 717/434-2686.

For Sale - 37 solid shutters w/raised panel 14 in. x 55 in. Lanc. Co. 717/354-8853.

For Sale - 7 yr. old standard bred, family horse safe and sound. David D. Fisher, 261 Centerville Rd. Gordonville, Pa. 17529.

Wanted - Blade or bucket for TD6 (4 cyl), flathead Ford motor, good. Adams Co. 717/334-1824 or 6416.

Wanted - WD-45 diesel radiator. For Sale: Used round balers. Westmoreland Co. 412/423-4076.

For Sale - Roasted soybeans. York Co. Ask for Tom. 717/252-3342 or 3114.

For Sale - Black Monarch kitchen range, w/reservoir. New bricks incl. $150.00. Henry S. Beiler, RD #1 Box 83, Christiana, Pa. 17509.

Wanted - Greider tobacco press. 717/872-6733.

For Sale - Prizer cookstove. Also Sears oil space heater, almost new. Free 265 gal. oil tank. Lanc. Co. 717/665-9227.

For Sale - Top buggy w/hyd. brakes. 6v system on steel. Excel cond. $1050.00. Lanc. Co. 717/354-6712.

For Sale - Ready to lay pullets avail. Jan 10, 1983. Local, cage grown. 717/626-8257.

For Sale - Heavy duty wide-track running bear; Saddle gas tanks; Light duty 8 x 12 flat bed wagon $150, snow plows. 717/345-4882.

For Sale - Clover and Timothy hay. Priced reasonable. Fulton Co. 717/987-3764.

For Sale - Holstein heifer calves AI sired, good, DHIA record on dams. 717/687-8893.

For Sale - Open buggy with hyd. brakes. Samuel M. Stoltzfus, RD #2, Christiana, Pa., near Andrews Bridge.

For Sale - Reg. blk & white male and liver & white female, Eng. Springer Spaniels. Lanc. Co. 215/484-2325.

For Sale - Standby power unit. Pincor alternator. 10 Hp Briggs engine. 4500 watts 120-240 voltage. Real gd. cond. 717/656-9565.

For Sale - Storm front carriage w/hyd. brakes. Lanc. Co. John B. Stoltzfus, RD #1 Box 457, Gap, Pa. South of 340.

For Sale - 3 pt. hay rake. Srauley box & gear. 3 pt. Salv buck cultpacker. N.H. hay baler. 717/786-3618.

For Sale - Semen. Paclamar Bootmaker. Romandale Shalimar Magnet. Arlinda Commander. Robert E. Morris, RD #1 Box 234, Fawn Grove, Pa. 17321.

Wanted - 10 purebred Berkshire gilts. 40 to 80 lbs. Lanc. Co. 717/529-6476 after 5 p.m.

For Sale - 1979 Suburban 4WD w/trailor package. Real nice. $8500.00. Lebanon Co. 717/867-1809.

MAILBOX MARKET

For Sale - Servel gas refrigerator in working cond., $50. Lanc. Co. 717-354-7275.

Wanted - Wooden windows 8"x10" - 6 panes, wooden shutters 48" to 54". Sch. Co. 717-366-1777.

For Sale - 1967 JD 350 crawler loader diesel. Good cond., 717-456-5586. Delta, York Co., Pa.

For Sale - Dump body, 15'x8' complete w/pump and twin lift cyl. Cheap, 717-874-3503. Schuylkill Co.

For Sale - IBM typewriter, office duty, model eleven, very good cond., Less than 1/3 of new price at $225. 301-658-5520.

For Sale - MH, MF, Ferguson parts books for tractors, combines, balers, etc. and for John Bean sprayers, 716-554-6479.

For Sale - Basswood lumber, 1" thick large amount. NYS, 607-829-8739.

For Sale - Oats, nice clean heavy oats, $2.35 per bu. Delivered excellent for horses. Call 215-488-6315.

For Sale - 3 grade ewes w/4 Dec. lambs, $280. Ten ton of wheat straw, no rain. York Co. 717-244-4655.

For Sale - 5 yr. old buggy horse. Broken for riding and driving. 215-445-5946 after 6, Lanc. Co.

For Sale - 7 hp electric motor w/large switch box for high voltage. Amos S. Blank, #1 Gap, Pa. 17527.

Wanted - End gear box for JD 707 rotary mower. Cab for 1135 MF 750 or 60 combine. Hershey, PA 717-534-1253.

Wanted - 4 cyl. Continental Eng. as used in Lincoln Welders.. Must have starter, mag. etc. Som. Co. N.J. 201-873-3769 Eves.

For Sale - Bred beef heifers, 2nd calf in spring, $550 each. 215-869-2665.

For Sale - 10 & 15 hole layer nests $5. Front rollaway nests $10. 8' & 4' feeders $1. Lanc. Co. 717-653-1826, 653-5936.

Notice- Let me know now if you want anything listed for my sale on 2/25/83. Elias S. Beiler, Leola, 717-656-9733.

For Sale - New Ritchie steer & hog waterer, electric heated, never used. 212 NI manure spreader $800. Berks Co. 215-286-5434.

For Sale - Tire chains, farm tractor, truck car 10 to 30 inch, wide difference length. Berks 215-488-1440 evenings.

For Sale - New wood picket & box valve, privacy fencing & posts 5' & 6' high. Berks Co. 215-286-5311 or 215-286-6230.

For Sale - Breeding stock, all registered, Doberman female, black & rust. male Doberman, fawn. $200 for both. Susq. Co. 717-934-2481.

For Sale - Small faning mill. Free: 2 gas and 2 elec. chick brooders. Evenings 201/756-3644.

For Sale - Antique cook stove, gd cond. $200.00. 11' Oliver cut harrow, v.g. $600.00. 16 cu. ft. freezer. Salem Co. 609/769-2273.

For Sale - Ford rotary mower, IH disc 2 section harrow and plow for 3 pt. hitch. Gd. cond. Reasonable. 717/965-2404.

For Sale - AC-G tractor parts, new and used blocks, pistons, rings, bearings. All parts genuine. Mecer Co. Call Mike 609/771-3664.

For Sale - 25 ton hoist. 2 cyl complete. Chester Co. 215/932-3710.

For Sale - Steiner snow blower w/added wings for 7 ft. cut. Like new, used 2 times. Chester Co. 215/857-5882.

MAILBOX MARKET

For Sale - No. 10 Smidley hog feeder, 20 holes total, good cond., $225. Metal bin extension for that feeder $125. 717-768-8378.

For Sale - Case 1210 D, 65 hp., power shift, weights, 600 hrs., $9200. Lanc. Co. 717-872-8659.

For Sale - 1966 3/4 ton V6 GMC truck, new 8 ply winter tires, $900. 717-328-3479 Franklin Co.

For Sale - 82 Chev. 4x4 P.U. Detroit Diesel, 11,0000 miles, like new, PS/PB, 2 tanks - new van. Flem. NJ 201-782-4313.

For Sale - AKC toy poodle pups, 4 black, 1 white, David R. Glick, Bird-in-Hand, Box 224, Stormstown Rd., 17505.

For Sale - Overhead belt machine shop equipment. O.D. Grinder, Shaper, Tool Grinder, Cylinder Grinder, Pianer, Flemington, NJ. 201-782-3391 or 782-6781.

Wanted - Used flail chopper; hydraulic dump wagon (capacity for green forage); horse type 4-wheel box wagon, manure spreader. Lycoming 717-634-2481.

For Sale - NI 319 corn husker w/322 husking bed, recently overhauled, good cond., $2000. 215-285-6451 Lehigh Co.

For Sale - 400 gal. Mueller bulk tank, 6 yrs. old, good cond., $700. Wanted - 2 horse trailer. Chester Co. 215-273-2810.

For Sale - Oil furnace suitable for small shop or tobacco stripping room, $100. AC B w/one row cult. Lanc. Co. 215-445-6345.

For Sale - 1 used 20' silo unloader, 150' belt feeder, glass pipe line, and 8 automatic take-off. 412-479-8597 Indiana Co.

For Sale - 1966 Int. 1790 truck engine V8, $150. Winter tread, Truck tires. No Sunday calls. Leb. Co. 215-589-4641.

For Sale - Walnut tree, hay $2.50-$3.00 per bale at barn. Ground driven manure spreader, $100. 717-469-2950 after 5:30, Leb. Co.

Wanted - MF 50 or 65 in good cond., WFE preferred, will consider others priced reasonable. Call Cumb. Co. 609-825-5051 collect.

For Sale - NH 346 R barrel, 200 bu. NH 328 hyd. 140 bu. NH 512 175 bu. used very little, 607-785-4945.

For Sale - Tailgate for Ford Pickup, needs a little repair, $20. 717-656-6644 Lanc. Co.

For Sale - 8 home raised Simmental feeder-steers approx. 675-700 lbs. Have only hay and pasture. Make offer. 301-848-4736 Carroll Co.

For Sale - Norwegian Elkhound puppies, $40. Mose A. Miller, R1 Box 74D Wyoming, Del. 19934.

For Sale - 8 ft. vertical shaft manure pump, new, hog catch crate bower, 717-665-2962.

Wanted - American Plastic Bricks (toy). Complete or partial set. Stephen S. Fisher, Lincoln Univ. R1, Pa. 19352.

For Sale - 4 springing Holstein heifers. Due Jan.-Feb.-March. Blood tested. Lanc. Co. 717-354-5974.

For Sale - Warm Morning coal stove. Model 400-A used, good cond., Ben B. Glick, R2, Box 210, Delta, Pa. 17314.

Notice- Place orders now for cauliflower, cabbage and melon plants by the hundreds and thousands, 717-656-8916, Lanc. Co.

For Sale - 15 2nd hand horse collars, in good cond., Gideon Stoltzfus, Box 232-A. Snake Hill Rd., Bird-in-Hand.

Wanted - 18' tob rails. Fill to be moved. Eli B. Stoltzfus, Gap R1, Pa. 4th farm North of White Horse crossroad.

MAILBOX MARKET

For Sale - IH 64 combine w/motor & canvas; 3 bottom plow rope trip. 717-957-2290 eves. Perry Co.

For Sale - Boxer puppy, AKC Reg. female, $100. Cumb. Co. 717-423-6620.

For Sale - Walnut lumber, air dried 10 yrs., $1 board ft. 717-789-3241 Perry Co.

For Sale - Mixed hay, mostly timothy, $1.50 bale or $100 a ton: Ear corn app. 30 ton. 717-432-3382 after 6 p.m. York Co.

For Sale - Anderson rock picker in good cond., $2500. No Sunday calls, 717-922-1135 Union Co.

For Sale - Warm morning coal stove, good cond., 215-682-6186 Berks Co.

For Sale - Vicon 3 pt. fertilizer spreader; complete hydraulic system for Jamesway shuttlestroke barn cleaner. Berks Co. 215-926-3376.

Wanted - Pistons, rings or complete sleeve kit for Oliver 60 tractor. 215-856-7630 evenings only, Berks Co.

For Sale - Farmall Super A plow, cult., snow plow $2100. AC B hand start w/cult. $425. Berks Co. 215-488-7383.

For Sale - Ear Corn, John B. Smoker, 560 Houtztown Rd., Myerstown, Pa. Leb. Co.

For Sale - Farmall M; Farmall H; NH 469 haybine; Dunham 7' cultipacker; Heater cab for H or M $50. 717-365-3562 Dauphin Co.

For Sale - Very good Jersey family cow, fresh 12-18-82. Cow and calf $350. York Co. 717-432-5001.

For Sale - 390 Ford engine, good cond., $150; inside 3 ton feed bin, $100, 717-626-6059.

For Sale - JD #36 manure loader w/wide bucket, manual dump, will fit 3000 & 3020 JD, $800. 717-653-8666 Lanc. Co.

For Sale - 900 gal. Mueller tank w/free beater. Jamesway barn cleaner, Jamesway bowls, cow mats, free stalls. 215-445-6453 Lanc. Co.

For Sale - Snowblade for Farmall Cub. Buckey Chicken Feeder, 300 ft. trough & chain & motor, 717-569-9603.

For Sale - Industrial front end loader assembly complete with pump, bucket & hyd. PTO, $995. Adams Co. 717-624-4648.

For Sale - Provimi milk replacer, $22.75 & 24.50. Lanc. Co. 717-354-0018.

Notice - 50 acre dairy farm at Fivepointville. John M. Sauder, R1 East Earl, Lanc. Co. Pa.

Wanted - Electric incubator, 300-600 egg capacity. 717-438-3563 after 5 p.m., Perry Co.

For Sale - Sofa and chair - plaid, round glass top coffee table. Round formica kitchen table. Six chairs, Perry Co. 717-582-4898.

For Sale - McCormick Cub 100 manure spreader, new sides, very good cond., $500 or best offer, Lanc. co. 717-733-3305.

For Sale - Good selection of trail riding horses and ponies at all times. New and used tack. Perry Co. 717-567-9561.

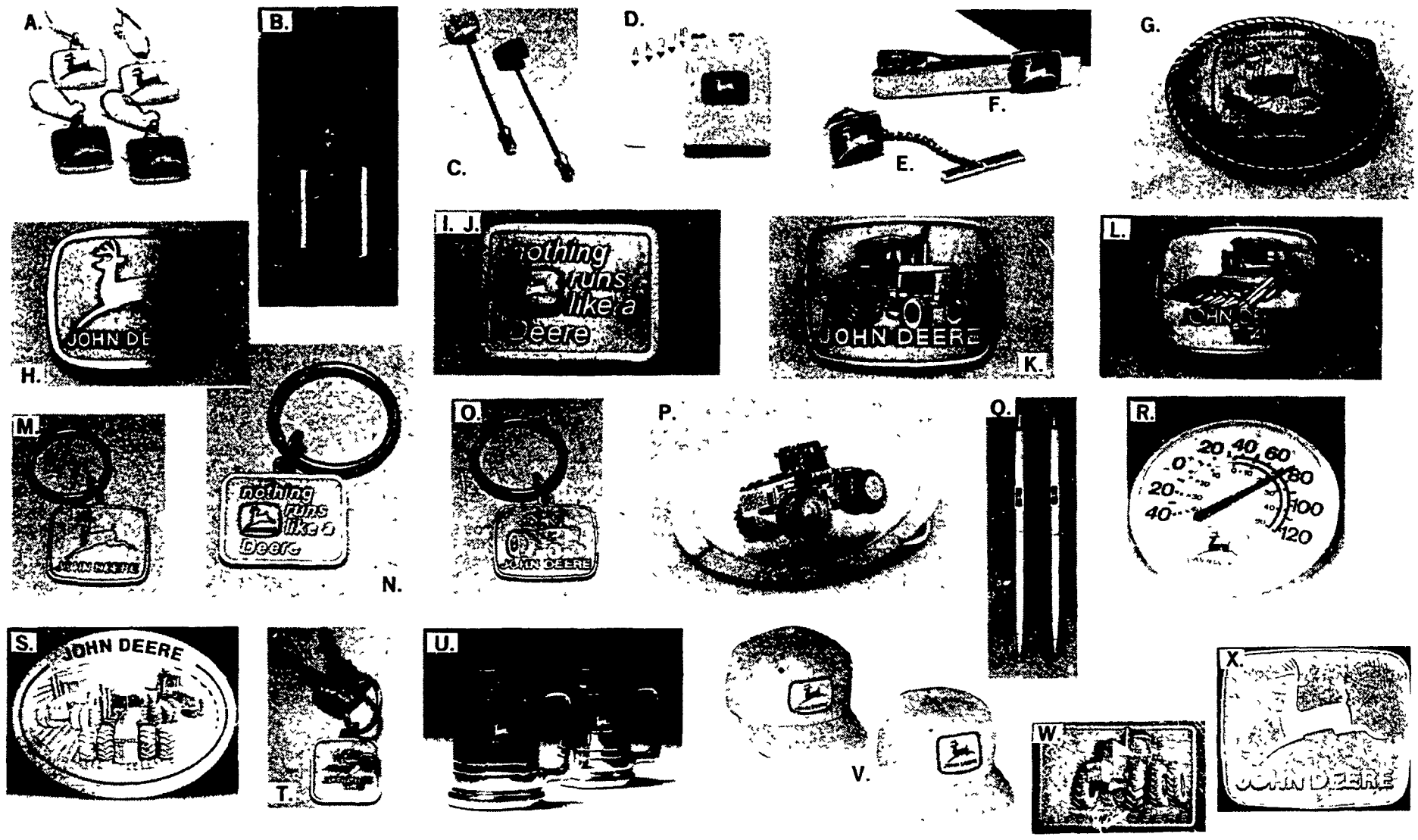
For Sale - Farmall M, exc. cond., good rubber, new paint. $1300 or reasonable offer. Leb. Co. 717-867-4380.

Wanted - Band saw for wood. For Sale - Shop stove w/bricks and shapers, $100. Lanc. Co. 215-445-5090.

For Sale - Myers 7½' electronic power angle snow plow. Fits Chevrolet frame $1100. 16x8 Wood garage door, 215-488-7730 Berks Co.

For Sale - Open gilts, pseudorabies free herd #38. Lanc. co. 215-445-4649.

John Deere Signs Of Thoughtfulness



GIFT ITEMS

	Item No.	Description	Price
A.	JD4021	Pierced Earrings - Gift Boxed..... Ea. Specify Gold or Silver	$6.85
B.	JD4297	Double Square Necklace	$10.85
C.	JD4295	Stick Pins - Black on Gold..... or Gold on Gold - Please Specify	$4.45
D.	JD4158	Yellow Playing Cards	
	JD 4159	Green Playing Cards	$3.95
E.	JD4020	Tie Tac	$3.45
F.	JD4012	Tie Bar	$6.45
G.	JD4299	John Deere Trademark Leather Buckle.....	$6.25
H.	JD4976	John Deere Trademark Belt Buckle.....	$3.95
I.	JD4009	Antique looking Pewter Buckle	$10.85
J.	JD4175	Bold Brass Buckle	$7.25
K.	JD4002	Iron Horses Belt Buckle.....	$3.95
L.	JD4061	Titan w/Corn Head Belt Buckle	$4.50
M.	JD4022	John Deere Trademark Key Ring.....	$3.25
N.	JD4008	Pewter-Look NRLD Key Ring.....	$3.25
O.	JD4003	Iron Horses Key Chain	$3.25
P.	JD4800	4 Wheel Drive Cloisonne Buckle	$9.65
Q.	JD4069	Papermate Chrome Set, Gift Boxed.....	$16.95
R.	JD4451	Large Thermometer, 12", Green on Yellow Background	$19.25
S.	JD4660	Bronze Beauty Buckle	$10.95
T.	JD4052	John Deere Titans Key Ring.....	$3.25
U.	JD4552	Colonial Glassware, 15 oz. Metalized Mugs	$8.45
V.		Twill John Deere Cap (Specify Green, Yellow or Black).....	$3.50
		Denim John Deere Cap (Specify Blue or Green)	$3.50
		Suede-Look John Deere Cap (Brown)	$4.50
W.	JD4700	50 Series Buckle.....	$10.95
X.	JD4776	Gold Belt Buckle.....	$11.95

* Please allow 4-6 weeks for delivery

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Master Charge and Visa members may charge Simply check appropriate block, fill in credit card information and sign

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Master Charge Interbank No
(4 numbers over your name) _____ Signature

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In a hurry? Call 717-354-4191 (not collect please). We can accept Master Card or VISA phone orders only **Credit Card minimum order $10.00.** Please prepare your order using this order form. It will speed your call and serve as a record of your order.

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Address _____ Apt # _____

City _____ State _____ Zip _____

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$10.00-over add $2.50

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SHIPPING & HANDLING	
FOR PA RESIDENCE ADD 6% SALES TAX	
TOTAL AMOUNT	

NOTE — ITEMS SHIPPED IN SEPARATE PARCELS MAY ARRIVE A FEW DAYS APART

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This is your chance to own the most productive farm in northern Lancaster County, featuring:

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* Steer barn
* Land contract
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500 Delp Road
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Field Rent Bids

Sealed bids will be received until, and will be publicly opened at 2:00 P.M., Tuesday, February 15, 1983 for field rental of good farmland at the Brownstown Vocational-Technical School. Farmland avaialble is approximately 41 acres.

Bid Forms may be obtained from the following:

Mr. Martin N. Gyomber, Principal, Brownstown Vocational-Technical School, Snyder & Metzler Roads, Brownstown, Pa. 17508. Phone (717) 665-7700.

OR

Mr. Thomas G. Bigler, Assistant Business Manager, Lancaster County Vocational-Technical Schools, 1730 Hans Herr Drive, Willow Street, Pa. 17584. Phone (717) 464-2771.

The Lancaster County Vocational-Technical School reserves the right to reject any and all bids.

Shirley Risk,
Secretary

WIMPLE REALTORS...
STATEWIDE FARMS
EASTERN NEW YORK

PICTURE BOOK DAIRY NEAR COBLESKILL: 120 acres rich Honeoye soils w/87 tillable and 85 more available to buy. Newer barns has 46 milker stalls, Patz cleaner, dumping station, 18x50 unloading silo, box stalls, several outbuildings plus machine shed; All good shape. Excellent 2 family colonial much money spent here. INCLUDES: 26 milkers, bred heifers, White 2-70 with cab and loader, JD B, complete line of machinery. THIS WON'T LAST! JUST LISTED! $195,000

CAMPGROUNDS...OVER $1½ MILLION INVESTED in this 130 acre park with white fenced meadows. 250 campsites with 200 additional for APA approval, swimming pools, lrg. dumping system. Block bath houses. Two beautiful homes. NEW barn for purebred cattle w/most modern facilities, warm water piping. No way to understate this property; it is as neat & well maintained as on day of completion. JUST LISTED! Foreclosure sale w/good terms. $285,000 CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

CENTRAL NEW YORK

INCLUDES 100 HOLSTEINS with 70 milking, 4 tractors & complete machinery. 150 acre Oneida Co farm has 100 acres tillable Very good barn has pipeline to 70 stalls, 20x60 concrete silo w/unloader, Patz cleaner, nice heifer facilities Stylish 3 bedroom ranch home. PRICED COMPLETE AT $240,000 with terms. CALL WIMPLE'S SLOANSVILLE OFFICE 518-875-6355

ST. LAWRENCE VALLEY

GOOD SMALL DAIRY OPERATION to start on: 140 acres with 90 tillable Barn has 32 stalls, dumping station, cleaner, mow elevator, silo Nicely restored Early American home with new furnace & wiring INCLUDES: 55 head with 28 milking, tractors and all machinery for $155,000

INTERESTED IN A 20,000+ DHIA??? We have a new farm listing coming in. FOR INFORMATION ON THESE FARMS & A WIDE SELECTION OF OTHER DAIRIES, CALL WIMPLE'S GOUVERNEUR OFFICE: 315-287-4163

- HUGE FREE DAIRY CATALOGUES -

**** GOOD WESTERN NYS DAIRY SALESPERSON NEEDED. CONTACT SLOANSVILLE HEADQUARTERS.**

MAILBOX MARKET

For Sale - 3 yr. Reg. black percheron stallion. Drake farms Chief Bloodlines. Leroy Yoder, Rt 5 Box 704, Dover, De. 19901.

For Sale - Massey Ferguson 225 manure loader, $495. I.H. 350 utility tractor P.S. fast hitch & cultivater, $1895. 717/354-0266.

For Sale - AC 600 no-till corn planter w/monitor nice $3150. Brillion cultmulcher 12' $1800. American alpine goats. Lanc. Co. 717/653-5733.

For Sale - Grain self-feeder on skids, with roof, used for fattening beef cattle. Capacity 5 ton. Berks Co. 215/693-3277.

REAL ESTATE

Berks Co. Poultry Farm For Sale - 20 to 50 acres available. 35,000 bird layer house on contract, excellent condition. 2 bedroom mobile home or will sell entire 60 acre farm. 215-562-7776

3½ acres w/perc tested, ½ mile from Licking Creek, Bratton Twp. 717-899-6002

Wanted to rent - Small dairy farm, Lancaster, Lebanon or Berks Co. Young Mennonite couple. Call 215-286-6574

BAUGHMAN REALTORS - Over 300 acre farm near Stewartstown, PA, new to market, 2 miles of road frontage, 275 crop acres, 16 wooded, 69 pasture acres, 1¼ acre pond, owner financing. Don't wait! 717/741-4671 or 717/993-2375 (204827)

4½ acre farmette in beautiful Hegins Valley. Ideal for livestock or roadside market. $55,000. 717-682-9391.

MAILBOX MARKET

For Sale - Registered Very son w/a high butterfat pedigree. Excel. w/records to 26773 milk 1071 fat. Lanc. Co. 717/354-8915.

Wanted - High moisture corn. 401/624-3446.

For Sale - Used tin 11 pcs galvanized 14'. 5 pcs green painted steel 14'. Ironworker sheetmetal shears. Lanc. Co. 717/354-6183.

For Sale - 1975 Ford F350 truck. 4 x 4 V-8 AT PS 8' flatbed with sides. Dual wheels. Lanc. Co. 215/267-6278.

For Sale - Well broke lead mule or choice of three, quaranteed sound. Lanc. Co. 215/445-4092.

REAL ESTATE

For Sale - 100A m/l, 50A tillable, good hunting, scenic valley in ski area, development possibilities. Write Box 34 Boonville, N.Y. 13309 or call 315-942-4978

Dairy Farms - Lanc. Co. 77 acres, 60 acres tillable, Chester Co. 72 acres, 64 acres tillable.
Christian M. Moseman
Real Estate Broker
Akron, PA
717-859-1004
Call James Marsh
717-529-2678

Blair County - 100 Acre Farm, near Martinsburg, large bank barn, 2 silos, horse barn, machine shed, excellent location, $220,000 #160G. Cambria County - 90 Acre horse or beef farm, near Ebensburg, 50 Acres tillable, balance woods and pasture, 4 bedroom 2 story frame home $85,000 #157M. Slick Real Estate, Roaring Spring, Blair Co., Pa. (814) 244-4006 or after 5 (814) 224-4577

FARM FOR SALE

125 acre dairy farm along Middle Creek in Snyder County. Hagerstown and Washington silt loam soil, 36 cow stanchion barn, room for expansion, pipeline, bulk tank, gutter cleaner, silo, machinery shed, corn cribs included. House recently remodeled. Owner financing available.

717-658-4173

Union Co. 110 A Limestone Farm 90 A tillable, stream in Pasture, Large Bank Barn - 2 Silos, Garage, Butcher house, smoke house etc. Ultra modern 3 B.R. 2½ story Brick dwelling.

Juniata Co. 78 A General Farm, Mennonite neighbors, 44 A tillable Bal. Pasture and woodland, Frame bank barn, 2 poultry houses Hog Sty. Very nice 2½ story Brick 3 B.R. dwelling.

B.K.R. 717-859-1004
717-733-8107
717-299-5136

new pennsylvania realty, inc.

717-386-5000

ANNOUNCEMENT!

New Pennsylvania Realty, Inc. Is Expanding Their Farm Real Estate Sales to Include Berks And Lebanon Counties, And Have Acquired The Services Of -

CARL JOHNSON
As Farm Agent For That Area!

Watch Next Week's Ad For More Details!

Carl Can Be Reached At 215-367-6160

MAILBOX MARKET

For Sale - Twin Alpine kids. 1 male, 1 female. 6 wks old. Beau. well-bred animals. Can be registered. $60 pr. Berks Co. 215/944-7333.

For Sale - JD 4430 dual outlet, 20.8-34 tires, 4 post rollguard excel. cond. $11,000. 215/445-5697 or 717/354-5489 between 6-8 a.m. or p.m.

For Sale - I.H.-10 disc grain drill w/grass seeder attach. Tractor drill on steel. Berks Co. 215/689-5611 after 5:00 p.m.

For Sale - Crown oil boiler 102,000 Btu's per hr. 680 sq ft. hot water rate 25' fin pipe. York Co. 717/244-1819.

For Sale - JD 1010 gas orchard tractor, w/JD hdy 35 loader. Lanc. Co. 717/786-1232.

For Sale - Used metal windows. Gd cond. Aprox. 44" x 100" Good for barn or greenhouse. York Co. 717/382-4120.

For Sale - Approx. 350 JD operators manuals. Some old-some new. York Co. 717/235-2786.

For Sale - 20 reg holstein heifers. Gd size, due Mar. to Russelldale Pete Rusty-Et out of 89 point dam. 717/865-2745 or 865-4675.

Wanted - Tractor, w/wide front end, power steering loader.. Somerset Co. 814/445-8644.

For Sale - Sunset dumping sta. w/1800 washer-releaser, complete w/strainer pad box, dryer & water trap. Mifflin Co. 717/543-5659.

Wanted - Fidelity alternator-generator, 20 to 30 kilowatt-hr cap. power take off or direct drive. Cumberland Co. 717/423-6216.

For Sale - Fox terrier puppies. Cute, 6 wks old. Samuel F. King, 104 Paradise Lane, Ronks, Pa. 17572.Lanc. Co.

For Sale - 9-N Ford tractor. Gd. cond. $1200. Lanc. Co. 215/445-5018 after 4 p.m.

For Sale - 1963 Toyota landcruiser soft top. 1978 Toyota landcruiser hard top. warn winch, 10-15 radial tires. Lanc. Co. 717/733-2553.

For Sale - 117 acre farm, equipped for hogs and beef, limestone soil. lg stream. $1850 per acre. Union Co. 717/922-1410.

For Sale - Hay 2nd & 3rd orchardgrass & alfalfa. Also 240 farmall in excel. cond. FH cult & mower. Dauphin Co. 717/838-4776.

For Sale - Skyline mobile home 12 x 70, 3 bdrms, partially furn. Very gd. cond. Must be moved. Lanc. Co. $7995. 215/484-2322.

Wanted - Intake manifold for 60 JD. Same for all 2 cyl except diesels. York Co. Call eve. 717/938-2372.

For Sale - Female fox terrier pup. 8 wks old. Black & wht. Lanc. Co. 717/872-5654.

For Sale - 300 gal lick tank. Woven wire pig cages. Firing crates. Del. avail. Amos S. Zook, RD 2, Delta, Pa. 17314.

Notice - Daniel Loudenslager, 215/689-4124 please write to me giving your full address Mrs. Kempske, Box 178A, RFD 1, New Freedom, Pa. 17349.

For Sale - Mulch alfalfa hay stemmy. 300 bales. York Co. 717/927-6770.

For Sale - Agromatic barn cleaner used very little $1200. JD 60 tractor $1150. Lanc. Co. 717/687-7475.

Wanted - Fertilizer attachment for a 4 or 6 row cornplanter. Any make. Levi Lapp, RD 2 Box 145, Quarryville, Pa 17566.

For Sale - 540 Gal ice bank tank. Gd. cond. Mueller-matic washer. New compressor, in use but need larger. Bradford Co. 717/673-8304.

MAILBOX MARKET

For Sale - Pedigreed rabbits. French Lops, Champagnes, New Zealand Whites, and Black & Siamese Satins. Gd breeding stock. York Co. 717/244-9576.

For Sale - Dry sink w/slate top and sink. Lg wooden refrig. Elam S. Beiler, 12 S. Ronks Rd., Ronks, Pa. 17572. Lanc. Co.

For Sale - Registered AKC collie puppies. Sable & wht $125. Chester Co. 215/932-9257.

For Sale - Brady 9 tooth 3 PH chisel plow; 4 insecticide hoppers for a international planter. Lycoming Co. 717/433-3630.

For Sale - Alfalfa hay. Moridge 275 grain dryer, $2200. Wanted - Used hay crimper, must be gd. shape. Chester Co. 215/857-2433.

For Sale - Maple sugar evaporator 4 x 12, 3 sec. $100.; N.I. 205 manure spreader $475.; Starline flailspreader $450. Somerset Co. 814/467-8839.

For Sale - Locust post, round, split, sawed, inquire Dan J. Stoltzfus, RD 2, Box 38A, Chruchtown Rd. Honey Brook, Pa. 19344.

For Sale - Nestor Martin coal stove, 40 B.T.U. Like new $625. David K. Beiler, RD 1,Box 488, Gibbons Rd. Bird-In-Hand, Pa. 17505.

For Sale - Purebred Hamp. Ram $175 neg.; pony work harness 15" collar ex. cond. York Co. 717/244-2486.

For Sale - JD 37 manure bucket, or will trade for 3 x or 4 x plows. Allegany Co. Md. 301/722-2760 after 7 p.m.

For Sale - Stainless steel thermoguard insulated pipe, 4 pcs. 10" x 30" w/rain caps. Lanc. Co., 717/665-3906.

For Sale - Used tractor tires: 18.4 x 38; 18.4 x34; 13.6 x 38; 11 x 38; 14.9 x 28; 15.5 x 38. 717/656-8138.

Wanted - 4 row potato planter, also potato cutter. Lanc. Co. 717/665-4415.

For Sale - N.I. manure spreader E/C; 1968 Ford trac, White; Notill corn planter; N. row 3-18" bot aut re-set plow. 717-469-0245.

For Sale - 1978 GMC crew cab, dual wheels, 4-wheel drive, motor & dash burnt out. 1974 Chev crew cab. 717/933-4616.

Wanted - 8 x 12 stake body dump bed complete w/cyl for 11000 lb truck tag. Northumberland Co. 717/286-1043.

For Sale - Travel trailer full self contained. Gd cond. w/latest inspec. 18' Shasta. Bucks Co. 215/766-8787 after 6 p.m.

For Sale - Holstein grade herd sire. Lanc. Co. 717/354-7866.

For Sale - International insecticide applicators for corn planter. Exc. Cond. $50 ea. Lanc. Co. 717/665-7284.

For Sale - 2 heifers calves sired by Atlantic; 2 tobacco bale boxes. David L. Stoltzfus, RD 2, Box 266, Narvon, Pa.

For Sale - Used steer self-feeder w/roof. 8 ton cap. 215/267-2251.

For Sale - 2 horse sleigh, 1000 lb scale; JD grain drill; I.H. #5 Flail chopper; 2 horse wagon; corn sprayer, 717/362-9842.

For Sale - Heavy duty high clear. 7 pt chisel plow; 26' Case grain elevator; 3 pt. Lilliston mower; AC sod buster; 717/692-2529.

For Sale - Ford 9N tractor, 6 spd w/sauder loader; Large & small v-snow plows; 8', 9', & 10' angle snow blades for trucks. 717/345-4882.

Wanted - Wide front end or 750-16 front wheel for 504 Farmall. 609/561-2035 or 561-0514.

MAILBOX MARKET

For Sale - Registered Pygmy goat kids, 2 bucks, $200 ea. 717-665-6272.

Wanted - Stave mill, any condition and NH gas engine. Write Randy Eisensmith, RD#1 Mt. Wolf, Pa. 17347.

For Sale - Firewood. Jonas K. Smucker, R1 Box 181A, Strasburg, Pa. 17579.

For Sale - 1979 Chevy van, customized very well. Flexsteel captain chairs. Cassette radio, 305 engine, PS, PB, AT. 717-534-2719, 533-7677, Dauphin.

For Sale - 1962 Ford Fairlane Sedan, low mileage, runs good. Make offer, Monroe Co., 717-629-2531.

For Sale - New bushel apple crates, $2.75 each. Electric hot air furnace w/duct work, $275. Schuylkill Co. 717-385-4954.

For Sale - 30 feeder pigs, wormed, sprayed for lice, Rhinitis shots, Lanc. Co. 717-354-8238.

For Sale - Oats by the bushel or ton, delivery available, 717-799-5330. Columbia Co.

For Sale - Sika deer buck, male pea fowl, ewe and buck lamb barbadoe sheep, Lanc. Co. 717-285-5806.

Notice - Will board a horse. $4 a day w/complete care. For Sale - Angora billy goat, 717-733-6319. Lanc. Co.

For Sale - Mulching plastic, cantaloupe seeds. Lanc. Co. 717-354-4858.

Wanted - Someone to remove small farm building for its lumber. Approx. 22'x50'. Oxford, Chester Co., 215-932-9638.

For Sale - Cub chains $100 exc. cond.; belt pulley for Cub, $75. Bucks 215-257-9286 after 7 p.m.

For Sale - Mennonite top buggy, storm front, hydraulic brakes, new top, good paint, steel wheels, 215-286-5637 Lanc. Co.

For Sale - An Oliver manure spreader on 4 steel wheels, $150. 717-354-0616.

For Sale - AKC Cocker Spaniel adult dogs, males & females, corn stalk shredder attachment for NH baler, firewood, Berks Co., 215-589-2632.

For Sale - 1979 Int'l Scout 4x4, 304-V8, 4 speed, AM-FM stereo, step bumper, one owner, 38,800 miles. Bucks Co. 215-536-7233.

For Sale - Snow plow for pickup or farm tractor $175 or best offer. 717-872-8553, 872-4565 Lanc. Co.

For Sale - 10 purebred polled Hereford calves, good type, 7 bulls, 3 heifers, all registered. 717-334-5966.

For Sale - Oat straw, good color, by bale or ton, $65 ton, 3 tons total. York 717-755-2149.

Wanted - Used feed blower, any cond., Lanc. Co. 717-354-6405.

For Sale - Walker turner 6" jointer, 1975 ram charger, 4 wheel drive, good cond., Union Co. 717-966-2655.

For Sale - Good used oak and poplar boards, also 2'x8' hog slats (concrete) 215-267-5624 Lanc. Co.

For Sale - Good quality timothy & orchard grass mixed hay. $90. per ton. Sch Co. 717/354-4489.

For Sale - 1968 GMC truck 17' dump flat, 2 spd. $1000.; 1964 GMC 14' flat dump, 2 spd. $1000. 215/968-4808.

For Sale - VAC Case tractor, almost new tires, gd. cond. w/20 bu. hydraulic rear lift. Berks Co. 215/944-8731.

For Sale - Ice skates, like new. $8. per pr. Child's Reidell Size 10; girls size 3; boys size 1, Chester Co. 215/932-4728.

New Listing

193 acre Franklin Co. farm. 3 bedroom home, good 56'x28' barn, 48'x36' barn. A good beef cattle farm with very good owner financing and a low down payment.

Union Co. Farm

Close to Liberty, 90 tillable acres and woods, water, barn and $1380 acre.

432 Acre Beef Farm

Very good country home, large bank barn, silo, farrowing house, ponds, fenced, good and priced at $1250 acre.

Gentleman's Farm

175 acres near College Corner, Ohio with a beautiful brick home for the owner and a good tenant home.

Bob Geis Realty
Farm Specialist
10 North Fairground
Liberty, Indiana 47353
317-458-6617

DAUPHIN COUNTY FARM

[illegible] acres, 260' x 44' 2 story building for 35,000 broilers, barn with 10 farrowing crates, 28' x 63' implement shed. 2 1/2 story 3 bedroom dwelling, 2 wells and a stream. 10' x 50' 2 bedroom mobile home. Approximately 25,000 worth of equipment included.

FRANKLIN COUNTY DAIRY FARM

82 acres, 60 tillable, Murrill and Hagerstown soil, 20 stanchions, barn cleaner, 350 gal. bulk tank, corn barn and implement storage. 2 1/2 story stone and farm dwelling 100 years old..... **$165,000.00**

BLAIR COUNTY DAIRY FARM

165 acres, 130 acres tillable, Limestone and Shale soil, 44 stanchions. 1 1/2 story frame dwelling in fair condition..... **$175,000.00**

84 acres, 80 tillable, Limestone soil. 2 story frame dwelling needs work..... **$199,000.00**

FULTON COUNTY DAIRY FARM

221 acres, 117 tillable, remainder in pasture and woods, 50' x 150' bank barn with 29 stanchions, 2 1/2 story frame dwelling being remodeled **$175,000.00**

or 100 acres and buildings for **$125,000.00**

BEDFORD COUNTY HORSE FARM

[illegible] acres, 78.5 acres tillable, 147 acres woodland, [illegible] acres pasture 80' x 160' clear-span building with 25' x 96' clear-span designed for horse stalls built in 1981. 32' x 48' stall barn and tack room. 50' x 75' frame bank barn, immaculate 1 1/2 story 4 bedroom, 2 3/4 baths, stone fireplace completely insulated. 2nd set of buildings with bank barn with loose housing and 2 story frame dwelling..... **$395,000.00**

LANCASTER COUNTY BEEF AND DAIRY FARMS

45 acres, 37 acres tillable, bank barn for steers and tobacco, tobacco shed, 4 car garage with implement storage above, pasture with pond and stream, 18 gal. per minute well, 2 1/2 story 4 bedroom, 1 1/2 baths, frame dwelling **$145,000.00** Can be bought as all buildings and 15 acres for $105,000.00 possible owner financing.

127 acre beef farm 103 acres tillable, 25 acres pasture with stream. 20' x 80' concrete silo, 90' bunk feeder, corn barn, 4000 bu. grain bin, 10 room 2 1/2 story brick dwelling needs redecorating **$350,000.00**

92 acre beef farm, 80 acres tillable, bank barn with loose housing with space to hang tobacco. Old farrowing house, 8 room brick dwelling..... **$260,000.00**

Two farms, 119 acres and 89 acres, total of 208 acres. 188 acres tillable with Limestone soil level to gentle slope. It is one of the finest modern dairy farms in Lancaster County. 8 stall carousel parlor, Boumatic Milk Equipment, 1500 gallon milk tank, 174 free stalls, 2 bunk feeders 150' x 100'. 42' x 19' slurrystone 200,000 gallon. 2-12' x 36' concrete manure pits 90,000 each. 3-20' x 60' Harvestore's, 1-20' x 80' Harvestore, 26' x 70' concrete stave silo. 4 ton feed mixer 2 years old. Bank barn for heifers with 20' x 60' concrete silo and 80' bunk feeder. A 2 1/2 story brick and frame dwelling for 2 families with dairy facility, a 2 1/2 story stone and frame dwelling for 3 families with heifer farm. All buildings in very good condition. 89 acres and dairy facility can be bought separately. Owner financing available to qualified buyer.

NEW YORK GRAIN AND HOG FARM

505 acres, 390 acres tillable, 112 acres woodland. Honeoye Lima and Ontario soils, barn set up to fatten 1000 hogs, 20' x 80' Harvestore Silo, 2 story frame dwelling with 2 apartments. 2nd set of buildings has bank barn with loose housing for 100 steers, 10' x 40' concrete silo, large corn barn with implement storage, pole corn crib, 2 1/2 story frame dwelling. 1 acre pond. Located RD#1, Penn Yan, Yates County..... **$505,000.00** negotiable

Contact **Sheetz Real Estate**
[illegible]3 West Main St., Mount Joy, Pa. 17552
717-653-1488

S. NORTHUMBERLAND CO. & SURROUNDING COUNTIES
Most farms posible owner financing.

Exceptional farm, 35 acres, $79,000

400 acre vegetable or general farm, new machine shed, 2 large barns, irrigation ponds, exceptional home $500,000

75 acre farm, nice 3 bedroom home, bank barn, 30 tillable, 30 pasture, balance wooded, $72,000

Low payments first year, no money down will buy this farm. 270 acres, 165 tillable, 30 pasture, exc. soil, 4 bedroom home, bank barn & machine shed.

Modern 450 acre beef & broiler set up, mostly all tillable, prime level ground, 2 homes, $900,000.

Amish neighbors - 130 acres, 60 tillable, 30 pasture, balance wooded, bank barn, 10x50 & 16x50 silo, grain storage, 32x80 barn $150,000.

Lykens Valley Farm 110 Acres, 90 tillable, nice home, possible terms. $210,000.

62± acre general farm, 12 room home, coal or oil heat, bank barn, $75,000.

BRADFORD CO.

192 acre operating dairy farm, 150 acres, 3 silos. Possible owner financing at $245,000.

Large amounts of different size acres for sale

PETER B.
CORTELYOU
Real Estate Herndon, PA 17830
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Real Estate Salespersons needed.
Any area of the state.

New Listing

130 tie stalls in new barn, plus 73 stalls in old barn - double six parlor - two 25x80 Harvestores, one 20x70. Beautiful house with pool. Total of 286 acres limestone soil, priced right with financing available. Also included in this sale is a 2nd set of farm buildings - Large brick farmhouse (remodeled) and huge obsolete dairy barn.

Mr. Buyer: The farm listed above and any other farms on the market can be seen in "living detail" in your living room or office thus saving you many days looking at farms. **Mr. Seller:** You too can take advantage of the above described concept of exposing farms to potential buyers. Both of you need to call today for details of the services our company offers you.

Lancaster County

Modern 46 cow dairy with everything needed for a successful operation. 20x76 - 12x55 - 10x50 silos - 800 gallon bulk tank - heifer barn - tobacco shed - corn barn. 2 story frame house. All on 66 acres of limestone soil. Highly motivated seller.

300 beef and 50,000 broiler setup. A real nice one man operation. Contracts available on beef and broilers.

Lancaster County dairy farm, 1000 gallon bulk tank & pipeline, 2 Harvestores & 2 concrete silos, 4 bedroom house & 18 acre tobacco shed, 90 acres w/180 acres rented, cattle & equipment also for sale. Call today.

Bradford County

192 acre dairy farm w/62 stanchions.
2 story house in good condition.

Huntingdon County

97 acre general farm with huge bank barn, corn barn and silo. Also has brick farmhouse and large frame tenant house. River bottom soil - "45 bushel soybeans." All for only $115,000.

FARM & HOME REAL ESTATE
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Sylvester Baum	Harlan Keener	Mahlon Oberholtzer
Carlisle	Willow Street	Lancaster
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Broker-J. Irvin Denlinger
717-898-8962

REAL ESTATE

REAL ESTATE

FARMS

MIFFLIN CO. - 175 Acres Tillable Dairy w/39 Tie Stalls, 18x50 Silo w/ unloader & bunk feeder, Hagerstown Soil. Seller financing.
..... Asking $250,000

Perry County

R.D. 2 MILLERSTOWN 117 Acre Cow-Calf and Hog operation w/farrowing house, 16x60 silo w/roto-feeder, remodeled house, 2 springs.
..... Asking $240,000

R.D. ELLIOTTSBURG 171 Acre Beef and Veal calf operation with remodeled 4 bedroom stone house w/center hall and 45x86 bank barn. Seller financing.
..... Asking Low $200,000's

R.D. 1 NEWPORT 78 Acre 55 Tillable General Farm w/pond and 4 bedroom house w/large kitchen & fireplace. Seller Financing . . Asking $124,000

R.D. 1 LOYSVILLE 181 Acre Beef-Cow Farm with 90 long, gently rolling tillable acres, 2 story house and bank barn. Seller financing.
..... Asking $199,000

Juniata Co. Woodland

EAST WATERFORD 53 Acres with intermediate pole timber. Asking $45,000

MARLIN H. FIELDS
Real Estate
717-436-8839
Don Bashore, Realtor Associate
Residence 717-436-9213

FARM SHOW SPECIALS:

#387: Herkimer County. 200 level acres, 125 acres of super alfalfa soil. Good 44 cow barn, 6 room home. New silo. 43, 16,500# cows plus Y.S. and all equipment complete for $259,000.

#390: Fulton County. 280 acres, 180 large level tillable acres of sandy loam soil. 1700' landing strip, plus considerable road frontage. Very good 82 cow barn. 20x60 Harvestore. Excellent 6 room home. 40 cows plus Y.S. Large line of equipment all for $325,000. This is a farm you will like.

#391: Herkimer County. 200 acres, 150 tillable. New 60 cow barn. 18x60 concrete silo. Very good 7 room home. New 14x70 home with 2 baths. Priced at $185,000.

#393: Schoharie County. 268 acres, 200 tillable acres of rolling alfalfa soil. Good 70 cow barn. 24x60 & 18x50 silo's. 1000 gal. tank. Equipment shed. Good 9 room home. Asking $195,000, low down payment needed here.

#395: Montgomery County. 187 acres, 130 tillable. Modern 51 cow barn. Equipment shed. Remodeled 3 bedroom home. 43 cows & Y.S. and all equipment including 4 tractors. Complete for $199,000.

#392: Delaware County. Excellent 63 cow barn complete. 20x60 silo, 24x40 & 16x40 silos with unloaders. Large equipment shed. 200 acres, some river flats. Excellent home. This is a well kept farm being offered by a retiring owner in a super location. Priced at $179,000. Crops available. Owner financing.

Cobleskill Country Boy Realty

Phil King	Dan Valant
Cobleskill, N.Y.	Malone, New York
518-234-4371	**315-483-4745**

Alton Makely, President
Phil King, Farm Sales Manager

COBLESKILL **Country Boy Realty**
MAIN OFFICE
140 EAST MAIN STREET
COBLESKILL, NEW YORK
PHONE 518/234/4371

REAL ESTATE

2 acres - Perry County, would make good hunting camp. Loysville, 717-789-4378

For Rent - Lanc. Co. Dairy Farm; 45 tillable acres, 40 acres pasture, free stall barn with 30 stalls, barn with pipeline, and 30 stanchions, 3 silos, liquid manure pit and pump. Call 717-627-4520 between 12:15 and 1:00 P.M.

FREE SPRING '83 CATALOG! 5,402 properties, 2,073 pictures! Values in every type of real estate, many owner financed! From 600 Offices in 43 states! Get your copy NOW! STROUT REALTY, P.O. Box 773A, Dept. 6490, Harrisburg, PA 17102. Call toll free: 1-800-641-4266

WANTED — Central N.Y.S. dairy farm 150± tillable, 50 + ties, prefer pipeline, 2 silos, equipment, shed (s), good 3+ bedrooms, good repair. Good location for milk market, priced reasonable, can close fast, no realtors. PO Box 281, Marathon NY, 13803

Farmers Home Administration, R.D. 3, Box 27F, Montrose, PA 18801 has for sale the following: 74 acre farm containing 60 acres tillable, 100+ tie stall dairy barn, free-stall heifer barn, 30' x 60' silo, and machine shed. 2 story wood-lap siding dwelling with full basement. Formerly owned by William and Beverly Cantone, located in the Township of New Milford, County of Susquehanna, Pennsylvania. 3 Miles east of Interstate 81.

BID DEPOSIT: Bid must be accompanied by cash (sent at bidder's risk), certified check, cashier's check, postal money order or bank money order payable to the Treasurer of the United States, for at least 5% of the total bid.

RATES AND TERMS: Cash or financing possible on terms of not less than 5% downpayment with the remaining amortized over a period not exceeding 25 years, with the interest rate at the current operating loan rate plus ½ percent.

TERMS OF SALE: Contact County Supervisor, Farmers Home Administration, R.D. 3, Box 27F, Montrose, PA 18801, for an appointment to inspect the farm. Sealed bids are invited and will be accepted until 2:00 p.m., February 4, 1983, at the Montrose County Office and will be opened publicly at 2:30 p.m. EDST the same date and place. The Government reserves the right to reject any or all bids. This farm will be sold without regard to race, color, religion, sex, age, national origin or marital status.

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA 15044

FIRST CLASS FARM

Beautiful Cover Creek flows 1¼ miles through this 141 acre farm in the scenic Bedford area; well maintained 2-story home has an equipped kitchen on each floor; 2-car garage and workshop area; truckport, excellent barn 30x60; poultry house 10x18; corncribs; storage shed; 40 acres tillable; 30 fenced pasture. No. 4798. WEST REAL ESTATE AGENCY, INC., R.D. #5, Box 99, Bedford, PA 15522, Phone: (814) 623-8594

Rockingham County, VA dairy farm, 108 acres, 70 tillable, 30 pasture, 4 stall herringbone parlor, 600 ton silo capacity, heifer barn, bank barn, 40x50 and 24x36 machine shed, nice 4 bedroom farm house, $250,000. 703-896-4651

REAL ESTATE

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

Tioga County 65 acre farm with stream, barn, new slaughter house. Ranch style home with 3 bedrooms, 1½ baths, 2 car garage. 717-724-3768. Call 717-724-3853. evenings and weekends.

For Sale - 3 bedroom house and grocery store with snack bar, country setting, North Lancaster Co. For further information write 305 Lexington Rd., Lititz, PA 17543 or call 717-626-2995

Huntingdon Co. 168 acre crop and beef farm, 100 acres tillable, good soil, well fertilized, 3 bedroom farmhouse, alum. siding, tenant house, lg. bank barn, river frontage, immediate occupancy, under $1,000 an acre. 814-643-4446 eve.

Greenhouses, set up for hydroponic vegetable production. 7,800 square feet. Fall crop now in progress. Ranch home on 11.9 acres meadow, stream on property. All for $155,000. 215-384-1157

50 acre farm for sale within Mennonite area. 25 acres in rye, rest could be farmed. Robert Hopkins, owner. Penn Yan, NY 315-536-8092

For Lease - outstanding 330 acre dairy farm in Southern Tier NYS. Harvestore and other silos, 70 cow barn and other buildings. 607-849-6097.

Snyder Co., Chapman Twp., 130 acres general farm, approx. 100 acres tillable, 2 story frame dwelling, bank barn, outbuildings. Asking $1,000 per acre or best offer. Must settle estate. 717-374-8333. 215-822-3822

For Sale - Lebanon County Farms, 79 acre hog or beef farm $269,000 - fifty five acre beef farm $179,000 owner financing, a four acre farmette $49,900 ten acres of woodland $25,000 and a 150 acre Berks County farm $205,000. Write for brochure: Nelson Eber-sole-Realtor Auctioneer 717-867-4487 Suburban Realty, 30 West Main St., Annville, Pa. 17003

REAL ESTATE

126 acre dairy farm with large 2 story home, new dairy house, new milking barn for 30 cows, new poured concrete silo, 16x60' bank barn, 2 wells, lots of road frontage near Mercersburg Possible assumeable loan at low interest rate. Asking $164,900.00.

315 acre dairy or beef farm, good location, good well, stream, lots of pasture, modern home, large barn, covered barn yard for loafing, 3 silos, 2 unloaders, bulk feeder with auger. Owner will finance at low interest rate Asking $295,000 00.

Heyworth Realty
1300-B Dual Highway, Hagerstown, MD 21740
301-733-3701
Lawrence Stouffer - 717-597-2584

REAL ESTATE

DAIRY FARM

320 acre dairy farm with jugging operation, nicely located in N.E. Penna. Everything goes, lock, stock and barrel. 5 residences (large stone farm house, etc.), fully equipped store, processing room, ultra-modern parlor, 2 free stall barns, 2 dry cow barns, 1 heifer shed, 4 silos, 2 storage sheds, 1 very large stone barn, grain drying and storage facilities 40,000 bu. capacity. All tractors and equipment too numerous to mention.

For confidential info. call Mr. Long
STIMMEL-GRAUL REALTORS
P.O. Box 1883, Allentown, Pa. 18105
215-434-4878

Valley Dairy Farm

Good area, Snyder-Juniata Co., 30 stalls, room for heifers. This small farm with more nearby land available to rent, a 2 unit home, would make a good starter dairy setup near Mennonite school and churches. Priced to sell in the eighties.

Christmas tree farm possibility, Bloomsburg-Danville area, - seclusion, some owner financing, 60 plus acres, priced in the fifties.

For information call Carl Diller
717-464-2233
569-8701 or 733-3344
KINGSWAY REALTY

REAL ESTATE

POULTRY FARM FOR SALE

61 acres, mostly tillable. Modern 75,000 bird-cage layer house, 50'x500', 7 yrs. old; Triple deck, fully automated. 2 other cage layer houses, each 40'x500', 30,000 layer capacity, 13 years old. Total capacity all buildings - 35,000 layers. Other buildings - 2 story colonial farmhouse and egg room/cold storage/packing house. Asking price $375,000. For information, call Irving Hirsh (201) 754-9230.

FARMS, FARMETTES, LAND

Exclusive Listings throughout Central PA

- 15 Operating Farms - Blair, Centre, Clinton, Huntingdon, Lycoming, Northumberland, Mifflin Counties.
- 10 - Farmettes - Centre, Clinton & Huntingdon Counties
- 27 Rural Land & Cabin Listings

Please call or write for free detailed lists. See January 1 and January 15 issues for complete inventory.

FARM AND LAND DEPARTMENT
Fred Strouse (814) 364-1705 (Lewisburg) Larry W. Platt (717) 568-5563
Don Myers (814) 422-8111 (Bedford) Richard D. Read (814) 839-4271
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Frederick J. Kissinger, Realtor
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State College, PA 16801
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BOLTON & MOON, INC.

301-838-2651 Eves. 301-838-8454

ACTIVE DAIRY FARM: 194 ac. in high state of cultivation. Beautiful stone/frame home, 2 tenant houses, 2 barns, large garage, corn crib, silos, etc. Good market location.

EXC. HORSE TRAILS on this 82 ac. farm w/4 BR stone Col., 2 baths, bank barn, other outbldgs., stream.

SHEETZ REAL ESTATE
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323 W. Main St.
Mount Joy, PA
CALL 653-1481

FARM LISTINGS NEEDED
Farm Salesman - Eugene Kreider

FARM FOR SALE

126 acres in Lancaster Co. on Mine Road near Gap, will subdivide.
Also, an N5 AC gleaner combine.

For info. call
717-442-9549

SOUTHERN LANC. CO.

(Horse, Beef & Crop)

Roam over 20 acres of woods, land, and pasture. Complete with barn and 2 story garage with workshop. Almost new 2 story house - 4 bedrooms, 2 bath, country kitchen, family room, parlor with wood stove. Only $110,000.

Century 21 Hempfield R.E.
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ONE OF NEW YORK'S BEST!

#354 - 100 Cow Showplace Operation @ Straight-through 120 cow barn, pipeline, 2000 gal. tank, 3 silos, excellent 4 bedroom home. Beautiful herd of cattle, machinery and equipment. Top location and milk market. Everything goes except MaMa! $525,000. Good financing available.

Send for free list of farms in Central and Western New York.

POSSON REALTY
R.D. #3, Norwich, N.Y. 13815
(607) 334-9727

Longacre
FARM AND COUNTRY ACRES

BERKS COUNTY

97 acre dairy farm, level limestone soil, 50 cow stall barn w/pipeline bulk tank, features lovely 2½ story brick home w/modern kitchen, living room, 3 bedrooms & bath 6 bedrooms second floor. Group heifer facilities 20x60 concrete silo. 17x45 silo w/unloader, large 3 car garage, 80x30 machinery shed, & corn crib, pasture w/stream, lovely setting, operating farm. $350,000.

87 acre general farm w/2½ story stone double house, 6 bedroom, 2 kitchen, 2 living room, 2 baths, large barn, garage, out buildings Call for details. $150,000 #363.

MONTGOMERY COUNTY

55 acre general farm featuring lovely log & stone home w/modern kitchen, center stairs, 5 rooms with livingroom fireplace, 5 bedrooms & bath, 2 car garage, bank barn, 2 machine sheds, corn crib, silo & much more. A very lovely setting, **$385,000 Reduced to $300,000.**

SNYDER COUNTY

65 Acre general farm w/88x45 barn w/block addition Large 90x36 implement shed, lg combination corn crib & shed. Lovely 2½ story home w/kitchen, dinning room, living room 3 bedrooms & bath Completely remodeled. $125,000 #344

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE

Rt. 100 Hereford, PA 18056

Ph: 215-679-5919

BRADFORD COUNTY

New

225 acre 147 T dairy farm w/new 42 stall dairy farm barn. 800 gal. tank, 2" pipeline, barn cleaner, 6 concrete silos w/unloader & feed mixers, good 2½ story colonial house w/10 rooms and 2 baths and outbuildings $225,000.

SUSQUEHANNA COUNTY

140 acre dairy farm, 95 tillable, gently rolling to almost level. A picture clean farm operation with 42 stanchions, stainless steel pipeline, 2 box stalls, 6 calf stalls & enclosed spreader pit. Two 20 x 40 concrete stave silos with unloaders, 650 gal. bulk tank, 2 large poll sheds for machinery & heifers, frame 8 room 2½ story house, modern kitchen, 1½ baths, carport & patio. Must be seen to appreciate. $225,000 #324.

New

275 acre dairy farm w/lovely split level home, lr., dr., frm., laundry, 4 bedrm., 1½ baths, 112 stall barn w/pipeline milking system, heifer barn, machinery shed, completely remodeled 2 story tenant house, dr., kitchen, frm., lr., 3 bedrooms, 1½ baths. Also 200 head of cattle, & full line of machinery $600,000.

437 acre dairy farm, 50 stall barn with pipeline, bulk tank, barn cleaner & 18x50, 14x50 & 12x40 silos. Heifer barn & machinery shed, shop & garage. Lovely stone & frame Colonial home with modern kitchen, 8 rooms & 2 baths. Also new second home with 5 rooms & bath. Call for details. $325,000.

BUCKS COUNTY

100 acres of level Tinicum Bucks County soil, 95T., features lovely 2 story double home w/11 rooms & 2 baths. 2 story bank barn w/50 stalls 1 mi road frontage. A good operating dairy farm $360,000

145 Acre jug milk farm superb facilities, lg store & sales area, 3500 gal milk holding capacity, modern processing facility including ice cream making, 185 cow free stall, 5 lg silos, lg heifer facility, 2 double houses & 1 single home, shop, storage sheds, outbuildings, 200 cows, 250 heifers, full line of machinery additional rental acreage available Call for details $1,5000,000.

171 Acre jug milk farm w/good sales store, double 6 low line parlor, 120 free stalls, 3000 gallon milk holding capacity, 20x80 & 30x60 silos, 100' & 70' bunk feeders, large 6 bedroom home, completely modern, lovely 2 bedroom ranch. Also full line of cattle & machinery available. Call for details. $650,000. A 358.

100 acre general farm w/large brick 5 bedroom home, 1½ baths, in good cond., large 2 story bank barn, 20x60 concrete silo w/unloader & lots of frontage (adjoins 171 acre farm) $348,000.

MONTOUR COUNTY

NEW

53 acre general farm 30T features lovely 2½ story home w/9 rms and baths. New 16x32 in ground pool, bank barn, sheep pens, corn crib & chicken house #366 $105,000.

COLUMBIA COUNTY

180 acre dairy farm, 118 tillable, 36 stalls, bulk tank, several sheds & second small barn, corn crib, 2 silos & grain storage bins. Lovely 2 story farm house with 9 rooms & 1½ baths, remodeled. Slightly rolling & level good ground. $225,000, make an offer, reduced $175,000. #310.

187 acre dairy farm, 170 T, pasture w/stream, 2 solid and lovely farm houses, 130 free stall barn, 70' bunk feeder, harvestore and concrete silos w/unloaders, 2 large trench silos, large machinery shed, 2 large heifer sheds and much more $530,000.

NEW JERSEY

80 acre dairy farm, gently rolling to level, streams & pond 2½ story home with 4 bedrooms & 2 baths, large remodeled kitchen, dining rm., & laundry 60 stall barn & 80 freestall milkhouse, bulk tank, large shop, new large machinery shed & corn crib, 14x40 concrete silo & 200x25' trench silo. $250,000.

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EASTERN SHORE MARYLAND

100 Acre Operating Produce Farm on Maryland's Upper Eastern Shore. Early productive soil, underground main for travel gun irrigation. 1½ hours from Baltimore, Washington, and Philadelphia markets. All sales made at farm. Excellent goose hunting. Public county landing nearby on Chester River. Modern ranch house, new wicks building with heated shop and other building. Owner retiring. Will finance to qualified buyer. EXCLUSIVE AGENT.

ERA - Chester River Realty

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FARMS FOR SALE

Dairy, Horse, Beef & Crop
(Bedford & Blair Counties)

Blair County - 84 acres - 165 acre dairy farms.

Hunt. County - 96 acre dairy farm - 18x65 - 46 stanchion rafter barn

Bedford County - 188 acre A-1 dairy set-up - parlor - Harvestore - limestone - More land available.

140 acres - 75 tillable or prime pasture - bank barn & large clear span 80x160 barn. Small horse barn w/stalls. Totally remodeled colonial home.

Century 21

Zane Helsel Real Estate Inc.
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814-946-1215
Independently Owned

GETTYSBURG AREA

JUST LISTED - For the serious farmer a 66 acre farm near Gettysburg area with 55 acres tillable, 7 acres of woodland, a large pole barn, a bank barn with addition for the animals and a 3 bedroom home for the family and a very pleasant view for $135,000 (9418)

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145 Baltimore St.
Gettysburg, PA 17325
Phone 717-334-6283 or
Outside Adams County Area,
Call Toll Free 1-800-443-2781, Ext. C-53

LANCASTER CO.

64 Acre Limestone Dairy farm 57 Acres tillable. Good double house; Barn for Cows & Steers. Attractive Owner Financing.

BERKS CO.

108 Acre Dairy Farm. 90 Acres tillable. Large Meadow & Stream. Barn w/51 Stanchions, room for heifers, etc. Nice House. All buildings in good repair. Priced to Sell.

CUMBERLAND CO.

102 Acre Limestone Dairy Farm. Large Milking Parlor, 68 Free Stalls, 3 Silos. Nice set-up for cows. Assumable Mortgage.

BERKS CO.

103 Acre Steer & Hog Farm. 75 Acres tillable. Terrain level to very gentle slope. Buildings need some work. Priced to Sell.

YORK CO.

135 Acre General Farm. 90 Acres tillable - remainder in woodland. Buildings need work. Owner Financing.

Horning Farm Agency, Inc.
Main St., Morgantown, PA
215-286-5183

Farmette in Lebanon Co.

Lg. house and barn, 4½ acres. Partial financing available. $75,000.

88 Acre Dairy Farm

in Lebanon Co. Good financing available. $280,000.

Hershey Farm Agency Inc.
Harleysville, PA
215-287-8888
call Howard Gross at
717-933-4304

Estate Sale
First Time Offered

130 acre dairy farm consisting of approx. 94 acres tillable, 30 acres pasture and balance in woodland. Buildings consist of large bank barn w/stanchions, 2 stone silos, tobacco shed, hog pen and 2 houses, a 5 bedroom brick and a 3 bedroom frame. This property is situated in Drumore Twp., Southern Lancaster County.

25.6 acres horse or beef farm. 12 acres cropland, balance in pasture, nice home, southern exposure, secluded, Colerain Twp.

Call Fredd-Eddy Realty, Inc.
717-786-3356

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140+ acres in fertile Northampton County, PA Federally approved butcher shop, modern milk processing equipment, 4 Blue Boy auto. silo w/feed system, extensive corn barns & living quarters for 5 families. Colonial style main farmhouse. Financing for qualified buyer. $675,000 VHS video tape of this offering available.

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(215) 437-6445

15 ACRE DAIRY AND HOG farm ready to go. Buildings in very good condition. Additional acreage available. owner Financing at 9% interest.

150 ACRE MODERN DAIRY OPERATION - Chester silt loam soils with 12 unit milking parlor, 1,500 gallon milk tank, free stall barn for 200+ head, 2 harvestores and 3 concrete silos. Other out buildings and 3 family unit stone dwelling included. Additional land available. Make us an offer! Call today for excellent financing terms.

Many other farms of all types for sale. Call to see some of Lancaster County's finest today.

Century 21

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215 W. Fourth Street
Quarryville, Pennsylvania 17566
(717) 786-2131

NORTHCENTRAL PA.
FARMS & INVESTMENTS

Priced To Sell — Priced To Sell

47 acres w/stream, partially wooded, frontage on black top road, septic approval, owner financing, $31,900. B-151 PH: 717-265-3171.

TIOGA CO.

172 acre dairy farm, 48 tie stalls. Heifer room, 3 stall parlour or milk in barn, bulk tank, milkers, barn cleaners, large house partially remodeled. Everything ready to go. Possible FMHA financing to qualified buyer. Owner anxious at $125,000. W-613 PH: 717-724-5921

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MANSFIELD, RD 1, Box 41 - 662-2138
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FRANKLIN COUNTY FARMS

- **39 ACRES, $71,000. 25A tillable.** House OK, barn could use work.
- **82 ACRES, $135,000. 60A tillable.** Barn OK, house needs work Additional 12 acres available (across road).
- **100 ACRES, $350,000. Orchard.** Includes two tenant houses, barn, migrant quarters & about $50,000 in equipment
- **115 ACRES, $225,000. 80A tillable.** Good buildings. Some cedar trees at back of property.
- **212 ACRES, $106,000. 40A tillable.** Buildings OK. 35A pasture along stream; rest woods to top of mountain

CHAMBERSBURG (717) 264-2949
Evenings: 263-4388; 375-4280; 263-4801

POTTER COUNTY, PENNSYLVANIA

- **9.7 ACRES** - secluded, township road frontage $6,500
- **24 ACRES** — paved road frontage, good campsite $10,500
- **48 ACRES** - all wooded, small stream, spring. Near New York border $16,800
- **54 ACRES** - secluded, borders Oswayo Creek, 10 acres open plus 30'x40' barn $17,500
- **55.2 ACRES** - all wooded with small stream $29,500
- **100 ACRES** - bordering Hammermill land $45,000
- **149.3 ACRES** - includes old orchard and pasture land $49,000

THE FAIRMAN AGENCY
210 Main Street
Watsontown, PA 17777
Phone: (717) 538-2582
Contact - Robert L. Watterson, R.E.S.
R.D. #1 Box 1064
Shinglehouse, PA 16748
Phone (814) 698-2300

Dairy farm with 6 cow milking parlor, 48 cow free stall barn, heifer barn, 16'x65' Marietta silo with cement bunker spring fed stream running through pasture. 119 acres with 85 tillable. Large 4 bedroom house, 2 full baths and attached summer house. 2 full baths and attached summer kitchen, located in the Turbotville, Pa. area. $150,000.00 Call 717-546-2233 or 546-2313

90 acre Farm with stone home, shop attached, banked dairy barn, 3 apartments in detached building. Gross rental potential over $20,000 per year, zoned industrial, must be sold, $360,000.00 Call ARA Real Estate at 215-857-2141.

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Wanted to rent - Dairy farm. Will consider buying cows and machinery, all options considered, prefer parlor. 215-766-7521.

For Rent - Small dairy farm, 130 acres, 85 tillable, silo and feeder. Cumberland County. 717-776-5456

68 acre dairy farm in Snyder Co., 24 stanchions, good buildings and a large 5 bedroom home, possibility of 10% financing, $165,000. 717-837-2358

Wooded area, 15 acres, located RD 1, Richfield, PA $14,500. 717-694-3130

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For Sale - Dairy or Beef Farm. 240 acres, 100 tillable, operating 50 cow dairy in 1982. Good house and barn, $135,000. Bradford County,Kerr & Crawford, Realtors. 12 Main St., Towanda, PA 18848 (717) 265-5868

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100 acres in Adams Co., all tillable, no improvements

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Henry Gehman, realtor
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113 acre dairy, charming stone dwelling.
82 acre all open land, murrill soil.
20 acre dairy farmette, 8 tie stalls, silo w/feeder.

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124 acre general, 95 tillable, plus buildings. 2 story frame dwelling, bank barn.
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126 acre general, restored 2 story brick dwelling, beautiful location.
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Beef farm or develop into chicken, dairy or hog operation. Great potential, level fields, 1½ story home. Within reach of your pocketbook at $100,000. Owner will finance this one also.

YORK COUNTY

12 acre farmette with a 4 bedroom ranch house oil heat + a wood burner for economical living. There is a large steel building only a few years old with box stalls and loose housing for steers or cows Private setting and in excellent condition Priced under replacement costs at $109,900 00 and nicely located with seclusion

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33 acres secluded, 20 wooded, no buildings, stream. Call Mr. Niesley.

11 acre with good view to develop home site or farmette. Call Mr. Niesley.

JUNIATA COUNTY

140 acre dairy, 47 free stall, 8 stall milking stable, 2 silos, modern 3 bedroom rancher. Call Mr. Crawford.

106 acre dairy, 20 comfort stalls, modern frame house, 10% owner financing. Call Mr. Benner.

60 acres of timberland. Call Mr. Benner.

20 acres of open ground. No buildings. Call Mr. Benner.

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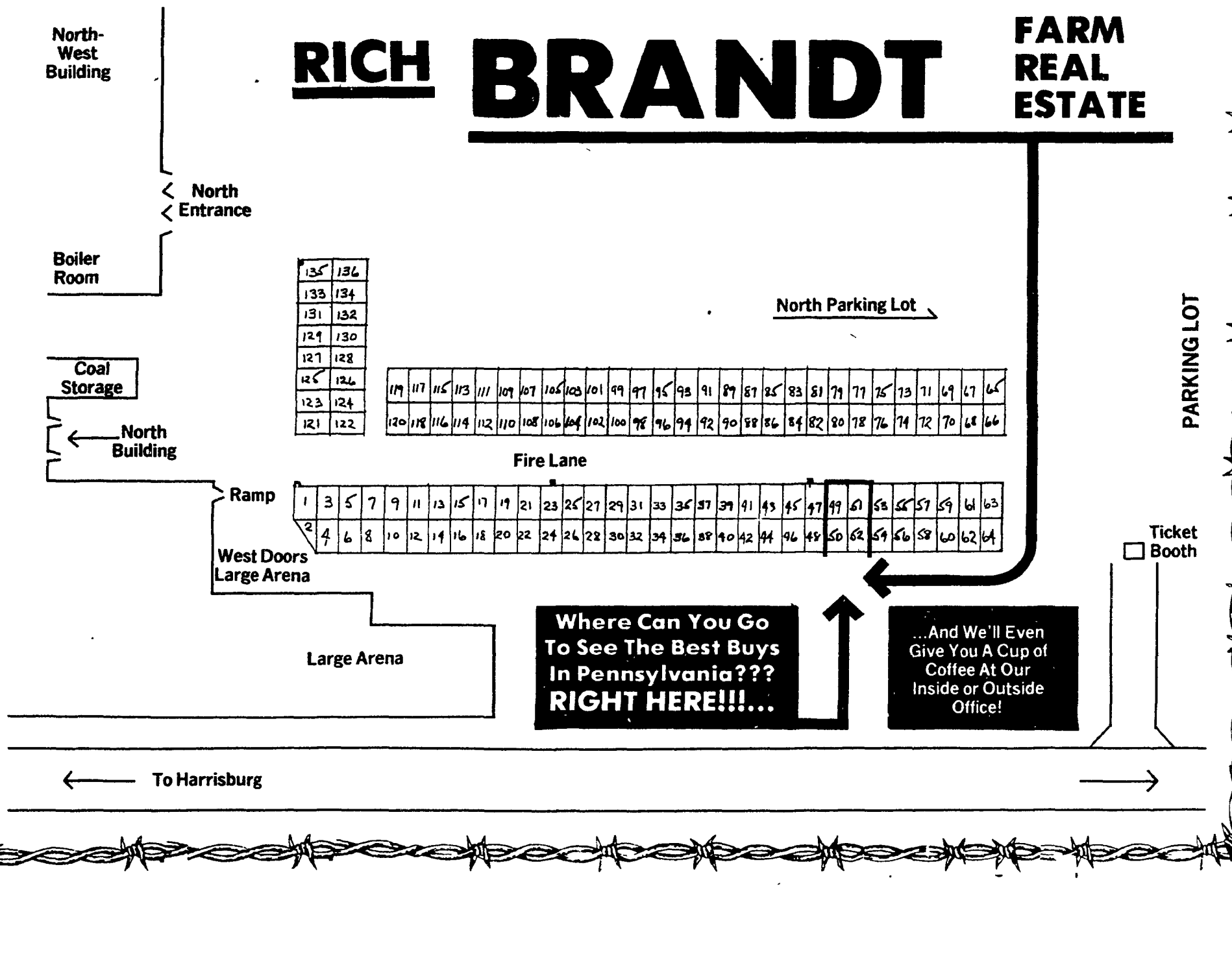

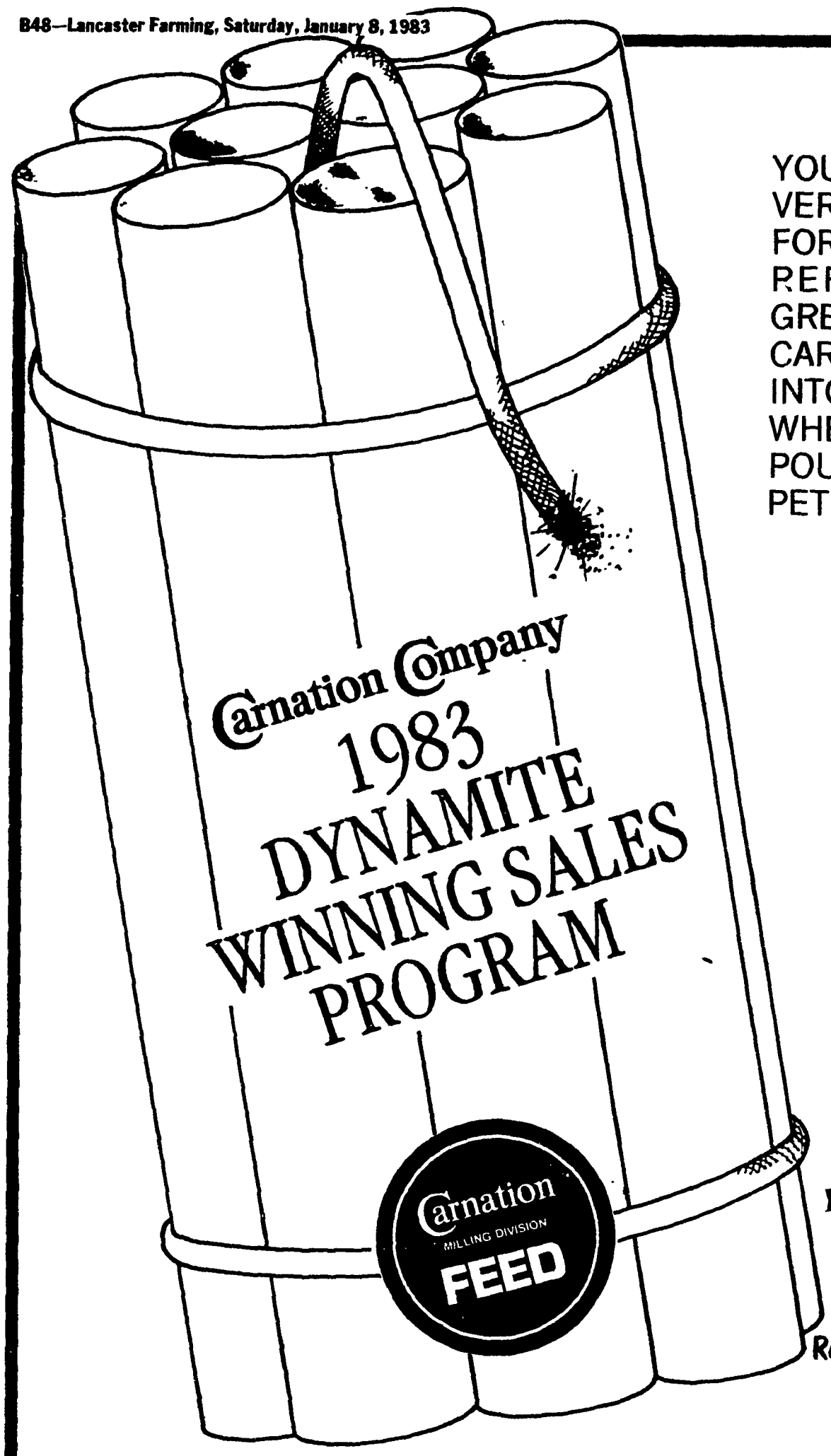

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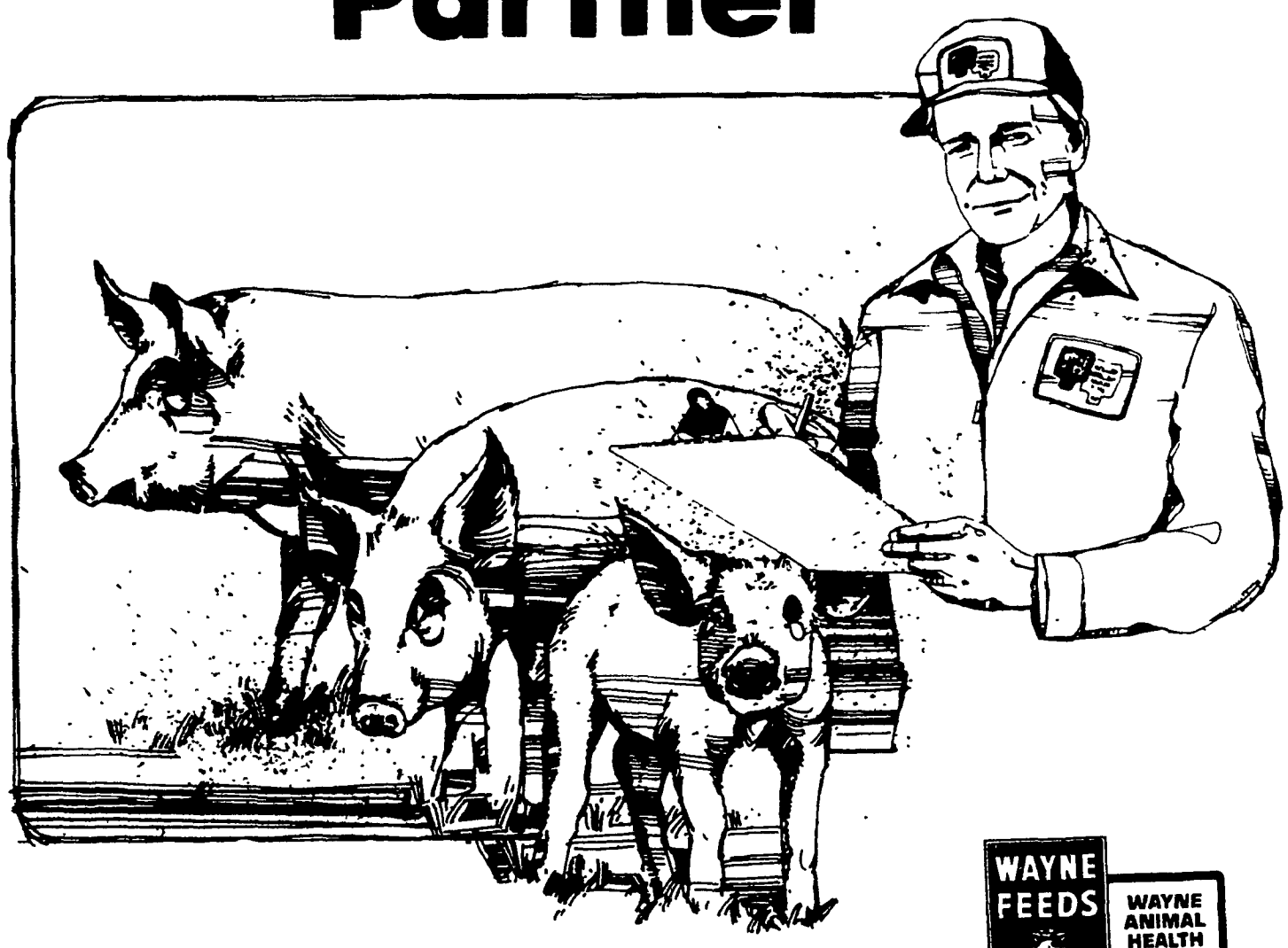

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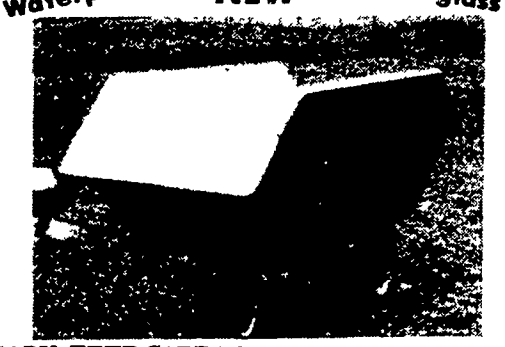

14 BU. FEED CART (above) $220.00
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List $1995.00 - SALE $1695.00
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For New Cow Troughs, Bunks. Makes Old Cow Troughs Like New, Easy Installation

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"TUBING" - 1¼" Hi-Strength - For Gates - Panels - Fencing
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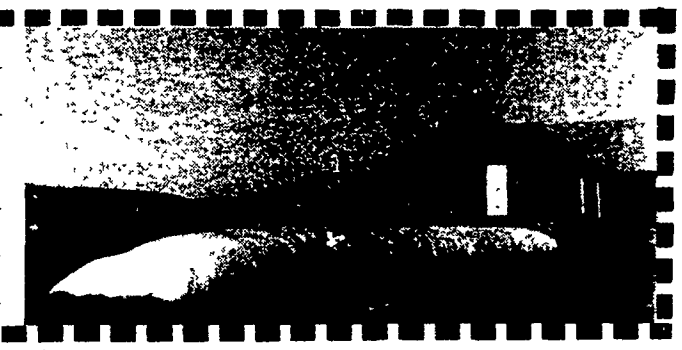

Winner Must Be A Qualified Farmer - Prize Not Transferable

DRAWING WILL BE HELD ON JANUARY 15, 1983

WINNERS WILL BE ANNOUNCED IN THE 1/22/83 ISSUE OF LANCASTER FARMING.

All winners must contact us at (717) 274-2225 or (717) 272-3050 by February 10, 1983 to claim their prizes. Bagging job must be completed in 1983 season.

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1. Inexpensive oxygen free system.
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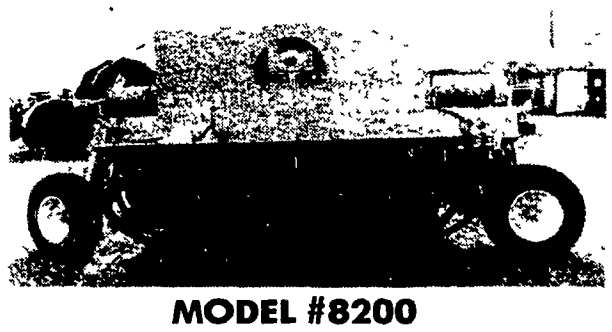

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All Hydraulic Direct-Drive
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JUST LISTEN TO WHAT THESE BELIEVERS SAY:

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FARM EQUIPMENT

IH model 312 plow, 3 14's, $500. JD 10' transport disk, $400, 201-689-0802.

AC 600 no till corn planter with monitor, nice, $3150; 2 NH haybines 479, $2250; 477, $2350; Brillion 12' cultimulcher, $1850; IH baler 37 with thrower $350; JD AW disk 14', $1250, 717-653-5733.

IH model 530 manure spreader w/high sides, brand new cond., call 201-879-5851.

Sauder Loader, $200
DENNIS M. MILLER
Rt. 22 Grantville, Pa.
717-838-1888 anytime
717-469-0937 daily

Wanted - NI 702D Uni Tractor. 814-674-8697 Cambria Co.

NOTICE: 10% off on parts for Wisconsin or Briggs & Stratton engines scheduled for service before March 1. Cheaper rates to sharpen lawn mowers. STOLTZFUS ENGINE SERVICE, STUMPTOWN ROAD, BIRD-IN-HAND, PA. ½ mile E. of Witmer

14 horse-power Cub cadet with hydraulic, power take-off, mower, snow-blower, blade, 3 point hitch, and wind-breaker. Phone 717-742-4429 Raymond Snyder RD#2, Box 264, Milton, Pa. 17847

For Sale - 1967 JD 4020 diesel, wide front end, differential lock, PS, good radial tires, all glass rollover protection cab, low hours, good condition, $7,500. 717-532-8601

Lockwood potato brusher, excellent condition, $425. 609-259-2497

For Sale - Two 237 JD mounted corn pickers, one used for parts, $700 for pair. Adams Co. Call evenings 7-10 717-677-8881

1466 IH w/cab and air, dual hyd., 20.8 38 tires $11,500. 2640 JD w/146 loader, high-low transmission, differential lock, $11,500. Call 609-455-3462 or 609-769-4025

JD 4230 tractor, w/cab, excell. cond., 717-626-5260

For Sale - JD 4010, JD 3940 chopper, NH manure spreader, tandem axle $1200. Case 1537 Uni-Loader, 717-733-0575

Custom Built - Portable gas or diesel powered WOODSPLITTER, also three point hitch. Rebuilt Wisconsin Engines, 3. THD two cylinder one has clutch, 2. YE4 four cylinder, Rebuilt Diesel Engines, New Lister Diesel Engines, Stone lined hot water tanks, P.T.O. or Diesel Drive generators. Byters Diesel Refrigeration, Star Route 655, Belleville, PA 17004

JD 2520 diesel, dual hydraulics, wide front end. 814-793-4293

For Sale
Wisconsin And
F-Cub Engine Parts
Cranks, heads, blocks,
all reconditioned
T.J. Wheary & Sons
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15 KW Katolight generator, 40 amp Lincoln straight and reverse polarity DC welder, can be used on PTO or line shaft. Used 2 years. Beaver tail type trailer. 717-423-6794

JD 4620, power shift, good condition. Lancaster Co., Pa. 717-284-2761

For Sale - (New) NH 310 baler super sweep pick-up w/engine. $5,800 Jacob M. Fisher East Gordan Road Gordanville, PA 17529.

JD 4000 diesel, side console, 72 model, 814-793-4293

Meyers forage box, 6x16 with roof, two way unloading, three beater, excellent condition. $1,975.00. Weaver's Hardware Co. Fleetwood, Pa. 215-944-7486

FARM EQUIPMENT

JD 4230, w/cab, heat, QR trans., 18x34 rubber, 5 bottom 16" plow, 12'6" disc, 13' cultipacker, C2 Gleaner, gas, 4 row narrow corn head, 14' cutterbar, hume reel, robot, strawchopper, 513 NH spreader, 2 beater and Pintle chain, 479 NH haybine, Schuler mixer feeder wagon, 2000 Ford tractor, Wagoner loader, 2 bottom 14" plow, 2 row cultivator, dirt scoop, grader blade, post hole auger, fertilizer 3 pt. spreader, one 18' flat wagon, one 16' flat wagon, one hopper body wagon, one 1956 2½ ton IHC truck 5+2 920 tires 16' body, steel racks 8' pickup, 500 gallon skid tank and pump, vacuum pump, 4 milkers, dumping station and dryer, misc. dairy equipment. 301-648-5577 Kent County.

For Sale - IH 350 gas utility tractor with 3B F.H. plow in good running condition $1,800. 717-532-8601

For Sale - NI 17A manure spreader, NI 12A manure spreader, IH 28 disc, AC manure spreader ground drive. 2 JD 999 corn planters w/fertilizer attachments, IHC corn planter, trailer type. Leroy Esh Hardware 717-768-3681.

For Sale - Super C tractor, WFE, fast hitch, has power rack in motor and gear box or belt pulley, good running cond., $1250 or best offer, 717-532-8601.

2 row potato platner, Iron H,. good cond., also air blast crop sprayer, 300 gall. tank, 717-423-6722

For Sale - 1972 Deutz 80-06, dual hydraulics, good tires, 3400 hrs., one owner. Asking $9500, 717-375-4514

For Sale - 970 Case, cab, air, heat, powershift. Reasonable offer. Bedford Co. 814-623-2603

Badger vacuum pump used on manure tank spreader, can be adapted to other than Badger tank. 717-263-4471

JD model 350 plow, 4-16 hyd. reset, gauge wheel, hyd. side hill hitch, exc. cond. $3500. 717-836-5853

JD 3020 gas, $5,500, Excellent condition; 2 Chisholm Ryder (snap bean) harvesters, w/Farmhand dump tank, excellent running condition, well maintained; Wade Rain power-roll irrigation, 4", approx. 75 lengths and 2 movers. 609-451-3877

Wanted - JD 4020 late model w/side conscle, or 4320 or 4230. Must be diesel, in excellent condition, for private farmer. Call evenings. 201-782-4297

4440 JD tractor, one year old, 380 hours. 717-667-3210

Cat 955H pedal steer ROPS $10,000. David Brown 995, 2700 hrs., $4,950. Phone 607-748-7229

JD BWF rockflex disc, 17'. 717-837-3132

Used Farm Tractor Parts by the thousands. Wenger's. 717-866-2135.

JD 730 diesel, electric start, 3 pt. hitch, 814-793-4293

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New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others.
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Route 309
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Phone: 215-699-3533

Combine, 3300 JD, 422 hrs., looks like new. 814-926-3669

FARM EQUIPMENT

1972 JD 4320 tractor, excellent condition, 717-762-3193

Wanted - an intake manifold for 60 John Deere all the same from 1960 except diesels, parts for sale from 1941 John Deere. York Co. 717-938-2372

AC combine, 1976 model LKS w/hydro., 1337 hours, 13' grain and 630 corn head, reasonable. 717-486-5624

Wanted - used PTO irrigation pump and Ferguson 35 diesel tractor. 301-769-3845

Ansel tractor cab, like new, will fit Int. 84 series tractors, $1200. 315-637-3692

Yale loader, Y-18A, LP gas, with set of forks, material and produce bucket, $2500; Lockwood sewing machine, $1500; Haines hyd. pallett box dumper, like new, $2000; Haines 18" potato grader, $500; Hyster forklift, LP gas, pneumatic tires, model H30E, $3500; Hand pallett jack, $350; Ditz Wetzel seed cutter and treater, $1500; 2 pr. exact weight scales, over-under, $300 each; Mertec applicator, pump, tank and nozzles, $500. 607-749-4169

12' manure pump, $200; 2000 gal. liquid manure spreader, $500. 717-529-2512

JD 2030 diesel, 2100 hours, excellent condition, w/or without JD 145 loader. 814-793-4293

Uni-System for sale, 702 power unit, V-6 gas, 760 forage harvester w/pickup head and 2 row wide corn head, model 727 corn-picker with 2 row wide stripper plate corn head, 710 combine with 11' grain platform. 717-639-5334 after 6 p.m.

For Sale - New Farm and Mechanics tools at discount prices. 25 piece socket sets $18.00; Come-alongs 1 ton $12.00, 2 ton $15.00; plus many more available. Call for information or catalogue. We ship UPS. Phone 301-829-0271

JD 4230 tractor w/cab and air, exc. cond., loader available. 301-795-9631

JD 4320 cab, 38" rubber, dual hydraulics. 814-793-4293

JD 4020 diesel, WF w/weights, 18.4 38" tires, standard transmission, dual hyd., very nice cond., 717-532-7054

MF model 40 offset disc, 4 yrs. old, used very little, 11'6" wide, very good cond., 717-639-5334 after 6 p.m.

For Sale - Farmall 560 diesel, Ford 641, Farmall 240 utility with fast hitch, NH 56 hay rake, Oliver 17 disc grain drill, Int. 10' transport disc, NH 271 baler w/PTO thrower, NI 4 bar 4 wheel rake on steel, like new. 215-562-4464

IHC 856 dual hydraulics, 38" rubber, wide front. 814-793-4293

For Sale - White 5400 4 row air planter, no-till, dry fertilizer, planted 1200 acres, nice, $2700/best offer. Lanc. Co. 717-426-2659

72" loader bucket for most size Int. loaders, used very little, new cond. 717-653-5359

IHC 706 German diesel, 3 pt. hitch, 814-793-4293

MC 600 grain dryer, JD 216 wire baler, vac-away 75 seed cleaner, DelRay 11' slide in camper, 40' flat trailer no floor, Ed Vogt, Medford, NJ, 609-654-7489 after 6 p.m.

For Sale - feed mixer wagon, Schwartz model 760 5 yrs. old, needs extensive repairs, weigh scale works, $800, call Telmark 717-564-6587 or 717-564-0181

Oliver 2050 diesel, 119 HP, exc. cond. 814-793-4293

Athens 10' offset disc, fair cond. 717-639-5334 after 6 p.m.

FARM EQUIPMENT

WANTED - Used JD model 416 4 row potato planter. 609-451-3877

Farmall M and AV tractors; JD 494 planter, real clean; Brillion cultimulcher; Wagoner loader; Flail mower 12'; wheel rake, like new; Oliver 4 bottom pull plow, steerable wheel; JD and Oliver hydraulic discs; Wagon unloader; 2 bottom pull plow; Three bottom Case 3 pt. plow; 10 wheeler grain truck; Pickup Jeep; Fertilizer spreaders. 201-946-8885 after 5:00

For Sale - Massey Harris 30 tractor with Gehl 72 forage harvester. Both in running cond., 215-777-1653

For Sale - Mustang skid loader $1,850. Vermeer round baler $2,475. JD 3020, Chrysler power unit $500. 200 or more HP, all in good condition. Berks Co. 215-777-0052

For Sale - Wic PTO 3 pt. hitch straw chopper, used 1 season, $1000 firm. 301-898-5244

For Sale - Feed Easy 8' liquid manure pump, like new cond., 717-758-2136

IH TD6 Loader, 4 cyl. diesel. Price $3,100. Telford, Montg. Co. 215-257-7579

Wanted to buy - 4 row no-till corn planter, any condition, priced accordingly 814-662-4203 eves.

SEED CLEANER - Complete w/screens for cleaning oats, wheat, barley and other seeds, good running cond., 215-262-6205 after 7 p.m.

Stem Crimper - Cunningham model #60, stem crimper in good running cond., 215-262-6205 after 7 p.m.

For Sale - JD F350 semi-mtd. plow, 4x16's., auto. reset w/accumulator, side hill hitch, $750, Juniata Co., 717-535-5815

FARM EQUIPMENT

JD 3020 diesel, wide front w/rollguard 814-793-4293

Special winter discounts on Shivvers grain drying equipment. Phone Agri-Equipment, Inc., at 717/656-4151

Special winter discounts on Shivvers grain drying equipment. Phone Ryder Supply at 717/263-9111

Special winter discounts on Shivvers grain drying equipment. Phone Connie Anderson at 609/267-5605

MF 1085 w/cab 814-793-4293

Notice - Tractor and small engine overhauling done at a reasonable rate. Experienced. Stephen S. Fisher, R.D. 1, Box 114, Lincoln University, PA 19352

For Sale - Custom built 2 row cornplanters using John Deere Max-Emerge plateless units. Can be pulled behind Pequea plow chassis using same hydraulic system.. Early Order Discounts. Also horse drawn corn planters converted to plateless or row kits for self installation. 2 mi. North of Rt. 40 along Rt. 897 Lanc. Co. Gideon F. Stoltzfus, RD #2, Gap, Pa. Box 2276, 17527

Ford 3400 backhoe and loader. 814-1793-4293

For Sale - New and used Gandy applicators for planters, balers, blowers, etc. Gideon F. Stoltzfus, RD #2, Gap, Box 2276, Pa. 17527

For Sale - Head valve cover intake exhaust manifold for 770 Oliver diesel, Gehl hammer mill for 65X grinder-mixer. 717-365-3234

Rebuilt flail tank spreaders, like new, 368 NH, 2155 Hawk Bilt, small starline. 717-776-6203

Wanted - JD model 480 483 485 Haybine for parts or running also T.O. 20 motor, Call 609-825-5051

FARM EQUIPMENT

Brillion 8' and 10' packer seeder; Brillion 10' sprocket cultipacker; Vicon spreader seeder, pull type. 717-687-0102

JD 3300 combine, gas, with 3 row narrow corn head, perfect cond., $10,000. 201-439-2267

JD 7' York rake, $550; Ford 501 7' mower, $375; Ford 2 row cultivator, $275. All 3 pt. hitch. 717-687-0102

For Rent - JD 4020 diesel $55.00 per day, $275 per week $600. per month, $1800 per half year, $3000. per year. Sign up now for Spring or clip and save this ad. Delivery available. Quarryville 717-786-3964

72 Int. 715 combine, diesel, 13' grain platform, $10,000. 201-439-2143 or 439-2267

For Sale - 1982 Kubota tractor, B6100 w/loader and bucket, 38 original hrs., warranty good until June, 1983, $4500. 717-866-5331

Allis high lift, HD5, rebuilt, $4000. 717-532-9271

Used sawmills for sale. We buy and sell. Leroy Wray, R.D. 1, Douglassville, PA 19518. 215-385-3884

HORSE EQUIPMENT
NI tobacco planter, 1 row
Oliver 2B 12" Raydex
NI 17 Manure Spreader
JD KBA 20 & 24 Disc
JD 9' Spring Harrow
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NH 30' Corn and Hay elevators
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IH 806 diesel, original paint, wide front, 3 pt. hitch, 814-793-4293

Case Uni-loaders 1537, LP gas, new paint, new bucket, rebuilt engine. 1740 diesel, new paint and pulley. T & T Supply, Danville, PA 717-275-0927

FARM EQUIPMENT

JD 4020, Standard Shift $7500
JD 346 Baler w/#30 Thrower $4500
(New) 791 NH Spreader w/endgate $7,500
Melroe Stone Picker $1000
WENTZ FARM SUPPLY
Palm, Pa. 215-679-7164

For Sale - Brillion 14' transport harrow, 8' center, with wings, used 1 mo., $1200; Patz 25' liquid manure elevator, $800/best offer. Lanc. Co. 717-426-2659

For Sale - JD rollguard cab. 814-793-4293

Two 450', ktwo 350' Big Dutchman poultry feeders, used; Also waterers w/stainless steel troughs. Will sell all or part. Best offer. 717-872-5924

Wanted - Small irrigation system, 717-776-7636, no Sunday calls

Case 930 D, Case LA Winch pulley, Hesston 1090 Windrower, phone 301-582-1927

For Sale - Farmall A with plow, cultivators, electric start, wheel weights, good rubber. 215-445-4742

JD 4010 w/new engine, 38" rubber, front, excellent 814-793-4293

Coal elevators, one 20' one 24', $1,500 for the pair or will trade for 40KW generator, also D-6 Cat dozer hyd. blade, $3,900 or trade for 40KW or larger generator. 717-532-6541 Ron Coover

JD 1450 6 btm. plow. 215-297-5416

IH 966 diesel 3 pt. wide front, excellent condition. 814-793-4293

530 JD 3 pt. and fenders, excellent condition. 814-793-4293

MF 205 4WD, less than 70 hrs., 717-428-2748

JD combine, model 25, with bagger, power take off, working cond., best offer. 201-439-2566.

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AC D17
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Case D 580 Loader
Case 480D
Farmall 300
MF 202 wheel loader w/loader & Mower
MF 165
Kubota B7100 w/loader & bucket

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NH 1010 Bale
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RAKES
(2) NH 260 V Tandem Hitch
(2) NH 256 IH 35
NH 258 Ford 3 pt. Hitch
NI Bar

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NH TR 70 w/Flexhead 6 R Cornhead
NH 995 w/Grain Head & Corn Head
JD 105 w/444 C.H. and G.H.
JD 55 w/12' Grain Head
AC CII
AC F330 Corn Head

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(2) NH 365 Tank
NH 362 Tank
NH 518
NI 214
Hawk Bilt 207

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NH 1895 SP w/3 Row narrow head and windrow pickup
NH 880 w/2R W and 1R pickup
NH 717 w/1R head
NH 770 w/717 R2 and 1R pickup
NH 880W w/890 EN2 and 880 N3
JD 3960 w/2R head and Windrow pickup

MOWERS
FMC 10'
NH 451 Sickle Bar
JD 25A Flail
(3) NH 462 Disc

CORN PLANTERS
White 6R no-till air
IHC 8 R Cyclo
IHC 4R Cyclo
IHC 6 R No-Til
JD 1440 No-Til
AC 4R no-til w/gran. fert.
AC 6R no-til air w/gran. fert.
AC 4R no-til w/liquid fert.
AC 700 6 Row

MOWER CONDITIONERS
(3) NH 469
(4) NH 479
NH 479H
NH 490
JD 1209
NH 467
NH 495
NI 299 Mow/ditioner
(2) NI 279 cut/ditioner
Hesston 6720 windrower

BALERS
NH 268 w/thrower
NH 273 w/54A thrower
NH 270 w/50 thrower
NH 282 w/thrower
NH 283 w/62 Thrower
NH 315 w/58 Thrower
NH 320 w/70 Thrower
JD 346T
JD 24T

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NH L 775 gas
NH L778 diesel
NH 445 w/Deutz Diesel

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NI 323 1 Row Picker
NI 324 Super Sheller
NI 324 Corn Picker 2 Row

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Little Giant 32' Elevator
AC 2300 Disc
NH 358 Grinder Mixer
NH 357 Grinder Mixer
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JD 1020 Tractor
JD 850 Tractor
JD MT Tractor w/plow, Cultv. and Mower
JD 60 Tractor
JD 60 Tractor
JD A Tractor
Farmall M Tractor
Farmall H Tractor
Farmall 400 Tractor
IH M Tractor
Ford 1700 Tractor w/loader & mower, like new
Case 530 Backhoe
JD 170 Skid Steer Loader
JD 1209 Mower Conditioner
JD 336 Baler w/ejector
JD 24T Baler w/ejector
JD 7000 6R Consv. Planter w/Liquid Fert.
JD 7000 4R Consv. Planter w/Dry Fert.
JD 1240 4R Plateless Corn Planter
JD 1440 No Till Corn Planter
NI 325 2R Corn Picker
JD 3800 Chopper w/2R corn head
JD 35 Chopper w/2R corn head
JD BWA Disc
JD B Plane 15 Disc Grain Drill
JD 8250 14x7 Grain Drill
JD FB Grain Drill
JD 8350 18x7 Grain Drill
JD 4400 Combine w/Platform & C.H.
JD 4400 Combine w/444 Corn Head & 13' Platform
JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
JD 6600 Combine w/15' Platform
Gleaner A Combine
JD 244 Corn Head
JD 709 Rotary Mower
JD 110 Chuck Wagon
JD 115 Chuck Wagon
JD 125 Chuck Wagon
NI 279 Cut/ditioner
JD 2800 6B Plow
JD F145 4B 16" Plow
JD 145 6B Plow
JD 1450 5B Plow
IH 5B Plow
IH 6B Plow
NH Tank Spreader

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

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AVCO NEW IDEA

FOR SALE
Case tractor, 870, 12 spd., ps trans., good cond., $8600
Stauffer 16' 2 btr. forage box with 8 ton gear, good cond. $990
Dion 60" forage blower, good cond. $1385
Artsway 154-54" forage blower, NEW $1600
N.I. forage blower, model 620, 54"fan, good cond. $875.
NH model 469 mowditioner, $2,560 good cond.
Wic bedding chopper, model 7910, 5 h.p., $1100 (Demo)
NI #323 1 row picker, like new, 90 acres, $4,300
IH #580 manure spreader, hyd. endgate, Gratz chains, good cond. ~~($3,600~~ $3,000)

HEISEY FARM EQUIPMENT, INC.
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NH 489 Haybine
Hesston PT10 Haybine
Loader for AC 160
(2) NH #56 Rake
AC Model 90 Pull Type Combine
Landoll 7 Tooth Chisel Plow
L or M #435 Corn Head
(2) Grove Self Unloading Wagon, 3 btr. & roof
Used Century sprayers
NH 275 Baler w/thrower
JD 14T Baler
JD 2010 Backhoe Loader
(2) New Armstrong 6 ply tires, mtd. on wheels & rims to fit D17's & 175 tractors

USED TRACTORS

AC 5050 Low-Profile
1 only
Special Price
$10,995

AC 7060, low hrs.
AC 200
AC D19 Gas
AC D17 Diesel
AC WD
AC WD 45
IH 424 Tractor & Loader
MF 1085
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New Holland Spreaders

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AC 180 IH 504
AC D19 IH 300
AC 7030 IH 450
AC 7040 IH 340
AC 7050 IH H
AC 7000
JD 2010 JD B
JD 4010 JD A
JD 70
Ford 4000 G
Ford 4000 D
Ferguson 65G
Ferguson 65D
Case 300 w/Loader
Case 800
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Used Kubota 245 FWD
Kubota 5100
Kubota 6100
Kubota 7100
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Used Miller Discs 8½', 10'
New Rotary Scythe
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JD 750 Tractor
JD 950 Tractor
JD 1050 Tractor
JD 2040 Tractor
JD 714 Forage Boxes
JD 1075 Running Gears
JD 1207, 1209 Mower Conditioners
Hesston 1014 Hyd. Swing Conditioner
JD 1710 Mulch Tiller
Bush Hog 1432 10½' Disc

USED EQUIPMENT
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Farmall H, MD, Super M Tractors
JD B Tractor
JD 520 Tractor
JD 720 Tractor
JD 3010 RCU Tractor
Ford 8N Tractor
Cub Frt. Mtd. Blade
JD 494A Planter
IHC 315 Mulch Packer
IHC 540, 550 4B Plows
JD F125 6B Plow
Ferguson 2B Plow
JD AW Disc 12'
Woods Cadet 60 Pull Type Mower
NH 6' Cutter
JD 507 Cutter
MF 41 Sickle Bar 3 pt. Mower
Mayrath 40' Elevator
NI Hay Rakes on steel
Myers Snowblade
Valk ST80 Snowblade

USED COMBINES
JD 95 w/platform
JD 434 corn hd.
AC C2 w/platform
AC 4R corn hd.
JD 45 w/platform
Plus other new and used equipment

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40 to 100 HP
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13' 245 Bush Hog Offset 26" Disc $7900
14' 1439 Bush Hog Disc
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NI 717 Combine
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White 2-135, 450 hrs.
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Oliver 1600
Ford 8N
Ford 881
MM Model G 1000
MF 178
8C HydraMac Skid Loader
12C HydraMac Skid Loader

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Fox 3310
Fox 3000
Fox 299 80" Flail Head
Field Queen Side Dump w/Det. engine, 3R Head & Pickup
JD 3800
Gehl 600
NH 890, Like New
NH 770 w/2 RN C.H. L Pickup

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NI 725 3R Head
Brady 12' Shredder
IH 27 10' Disc
Arps 70' hvy. duty hyd. Angle Blade
Lely Double Wheel Rake 18 ft.
JD 1300 6 Row Planter
White 5400 4R No-Till Pltr.
JD 1240 Planter
IH 400 4R Planter
NH 26 Blower
Farmhand Recutter Blower
NH 469 Haybine
Hesston 1014, 12 Ft. Hydro Swing Windrower
Bush Hog 24' Soil Finisher like new
Glencoe 13 Shank Soil Saver
NH 442 Disc Mower
Woods 20' Bat Wing
NI Side Dump Wagon
Dion Fg. Wagon 3 btr. & roof
IH 51 wagon, 3 btr. & roof
NI 270 Cut Ditioner

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HESSTON

SPECIAL
New NI 323 Picker

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Ford 5600 Tractor
Oliver 1850 Tractor
Ford 140 4B Mtd Plow
Bush Hog 12' Disc Harrow
NH Bale Elevator
(2) White 5400 4R Planters
Noble 25' Field Cultivator
NI 402 Rake
Ford 2R 309 Planter
Ford 501 Rr Mower
White 8700 Combine Dsl. Hydro, air.
White 8600 Combine, dsl. hydro, air
NH 320 Baler
1068 Haybuster no-till drill (demo)
Fox 728 2R Corn Head
Fox 425 Fg. Harvester w/heads

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RD Box 46
Klingerstown, PA
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Ford Tractors Equipment
SPERRY NEW HOLLAND

TRACTORS
Ford 8000
Ford 7000
Ford 3400 w/Backhoe
Ford 1200 w/Loader
Ford 1100 repossessed 4WD w/loader
Ford 445 Backhoe Loader Repossessed
Ford 545 Backhoe Loader Repossessed
Ford 960 Tricycle
Ford 535 Tractor/Loader/Backhoe
(2) Ford 9N
Ford TW10
Case 800 dsl.
Case DS1
Case DC
Case 680 C Tractor/Loader
Ferguson 20
Massey Harris 44
JD 2510

EQUIPMENT
Crown Rock Picker, hydraulic drive
NH 479 Haybine
NH 469 Haybine
NH 78 Baler w/thrower
JD 1209 Mower Cond.
NI Wheel Rake
NH 516 sgl. btr. spreader
JD spreader
IH 175 spreader
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Ford 340 skid loader
Wetmore recutter
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New Caldwell rotary mower
New Caldwell 8' blades, special discount
John Deere #65 blower
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With
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No Trade Prices

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JD 146 Loader	$2,500
JD 1550 Backh SOLD	$3,750
JD C392 Spin Spreader	$825
JD 397 Mower	$600
NH 847 Round Baler w/auto wrap	$7,950
NH 679 Manure Spreader w/end gate	$6,400
NH 38 Crop Chopper	$4,900
Mathews 9E Rotary Scythe	$4,250
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Quonset Buildings

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(2) 3400 Gas
(2) 4000 Ind. Gas
860 w/Power Steering
Jubilee
Ferguson 30
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1971 Ford 5200D WFE $5250

1968 Ford 5000 Diesel Real Nice $6,000

MF 175D 8 speed
JD 2640 w/Hi-Lo
NH 213 Spreader almost new

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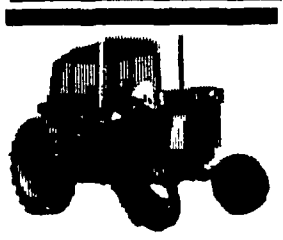

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3288
584 R/C
784 R/C
Hydro. 84 R/C
254 w/loader
284 4WD

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540 spreader
335 wagon
720 auto. 5-18 plow
510 5-18 plow
42 3-16 plow

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Oliver 550
Farmall C w/equipment

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Case 2390 Tractor 1982, Fully Equip., 100 hrs. Dual Wheels, Traded for other Machinery
1980 Case 580C Backhoe/Loader w/Cab, Low Hours
IH 856 Tractor in A-1 Shape!
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Complete TRACTOR & ENGINE REBUILDING
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A.C. and Wisc. 2 and 4 cyl. power units with or without clutch reduction.

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MF 285

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MF 66 3B Plow
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16' Drag Harrow

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IHC Forage Harvester
(2) NH 717 Harvesters
NH #36 Crop Chopper
MF #35 Rake
Badger 14' Fg. Box

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MF 205
NH 952 4 RW C.H.

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NI 216 manure spreader
NH Super 717 Harvester w/2 heads
Gehl 2600 Skid Loader
NH L35 Skid Loader
Ontario Disc Drill
Gehl #50 MX Grinder-Mixer

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For Sale - Dual tractor rims, 18 38, not tires, axle mount, Franklin Co., 717-532-2692

FOR SALE
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MF 150
MF 2805 w/duals
MF 265
MF 43 corn head
JD 4020
MF 550 combine w/1143 corn head
MF 321 corn head

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JD 1050 33 PTO H.P.
JD 2940 w/O cab
JD 2940 w/cab
JD 4240 QR, Cab
JD 4440 QR, Cab, Duals
(2) JD 4640 QR, Cab, Duals
JD 4840 PS, Duals
JD 4450 15 SP, PS

PLANTERS
JD 7000 4R Consv.
(3) JD 7000 6R Consv.
JD 7000 6R Regular

DISCS
JD 215 12' 10"
JD 235 19' 11"

SPREADERS
JD 40 175 bu.
JD 450 Hydra-Push

Special programs on all of this equipment. Call us for details.

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Evenings Call Gary
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JD 6620 side hill combine, 6 row, 30" corn head, 215 flex head.
JD 2800 7 btm. variable width semi-mtd. plow on land hitch.
Coulters like new cond., plowed less than 500 acres.
1975 Stiger Couger 2. 30.5 + 32 tires, 3 pt. hitch, 3 outlet
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New leader drive box, w/30" wide belt over chain.

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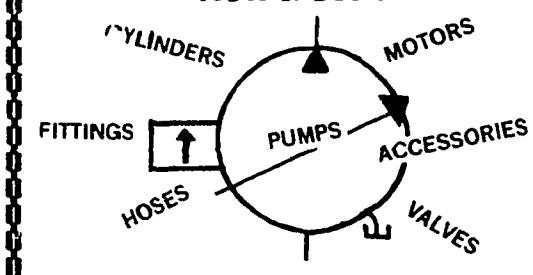

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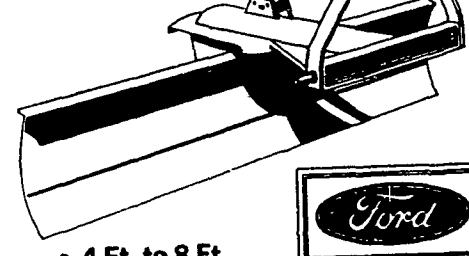

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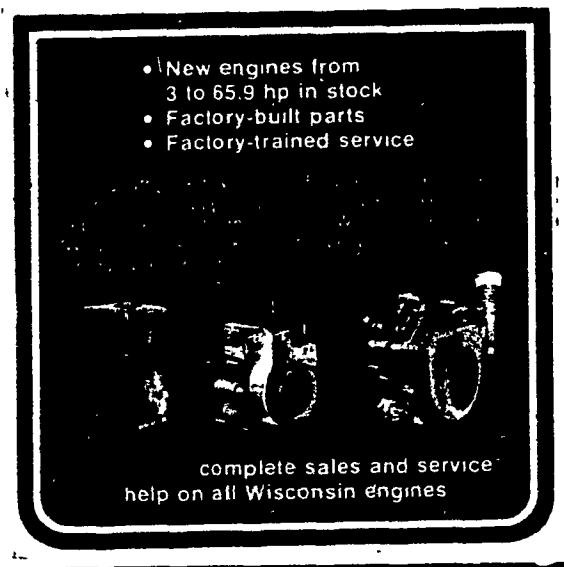
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MF 285
MF 1080
MF 285 low hours
Oliver 660 gas
Farmall 450 diesel
MF 1130
Farmall 460 gas
MF 205-4 diesel
MF 2705 cab

Loaders
Gehl HL 2600
Gehl HL 4400
Sauder to fit JD 2010
MF 235 to fit 180
Kelly 600 to fit 165 and 175
NI to fit JD
Gehl HL 4400 Diesel
Gehl HL 4600

Spreaders
Gehl 250
Starline tank spreader
Martin Scavenger

Mower Conditioners
NI 299, used 2 yr.
Hesston 1090
JD 1209

Harvesting
M & W 250 Grain Dryer
IH 93-8'
IH 203 10'
MF 300 w/cab
NI 310 cornpicker

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JD 7000 4rw. 30" corn planter
MF 468 4rw. corn planter

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Hesston 7650 SP
Gehl CB 750

Longenecker's, Inc.
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SUPER SPECIALS
New Equipment

	Regular Price	SPECIAL PRICE
Woods 5' Dixie cutter, 3 pt.	$1,055	$845
Woods RM 306 finish mower, 3 pt.	$1,615	$1,295
Ford reversible rear scoop	$370	$295
Gannon landscaping scraper	$2,195	$1,750
Ford 5' hydraulic angle dozer blade (fits Ford 1300)	$1,285	$1,030
Glencoe soil saver, 6'	$5,465	$4,375
Westfield grain auger, 41' (less motor)	$1,385	$1,100
Bolens walk-behind snowblowers	$1,020	$815

Used Equipment

Woods HR 105 heavy duty cutter, 5', 3 pt.	$1,765	$975
Farmi logging winch	$1,795	$1,175
Ford 101 plow, 2 bottom 12"	$750	$600
1976 Chevy station wagon	$1,695	$1,450

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

USED FARM EQUIPMENT

JD 3010
JD L Tractor w/plow & cultivators
JD 1450 4x16 semi-mtd. plow
JD 1450 5x16 semi-mtd. plow
MM 32 blade transport disk harrow
IH 440 baler w/thrower, excell. $1895
JD 39 3 pt. sickle bar mower
NH 479 haybine
JD 38 harvester w/2 row N. head & hay pickup
JD 33 PTO manure spreader
JD 7000 6 RN Conservation Planter
AC 4 row no till planter
White 5400 6 row N. no-till planter
JD 8350 grain drill, dd openers
JD FBB 17x7 grain drill
JD FB 13x7 grain drill
IH 13x7 grain drill
Brillion 11 ft. cultipacker
JD 506 3 pt. 5' rotary cutter
JD 307 6' rotary cutter
JD 507 7' rotary cutter
JD 444 corn head
JD 6600 sidehill combine w/13 ft. grain head & 4 RW corn head $37,995
Midwest round bale unwinder 3 pt. hitch $595.00.
2 wheel trailer w/side boards
(5) JD high pressure hyd. cylinder
JD A18 high pressure washer
JD 1010 22½' horizontal fold field cultivator, like new
JD 535 truck mounted sprayer, 40' boom, excellent

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JD 4440 Tractor	$49,132	41,200
JD 2440 Tractor	22,511	19,500
JD 1050 Tractor	10,250	8,995

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JD 90 Skid Steer loader	10,633.00	8495.00
JD 125G Skid Steer loader	16,634	14,300
JD 146 loader	3576.00	2750.00
JD 240 loader	4182.00	3465.00
3 point scraper blades:		
JD 65, 8'	714.00	625.00
JD 78, 8'	544.00	450.00
JD 88, 8'	869.00	775.00
JD 115, 9'	1601.00	1225.00
Bush Hog, 7'	616.00	495.00
Bush Hog, 6'	343.89	325.00

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TRACTORS

Farmall H
V-6 Detroit Diesel 478 motor, $1500
NI #19 PTO spreader
NH PTO spreader
AC B w/plows and 1 rw. cultivator
Ford 901 PS/3 pt. new tires
IH 560 Diesel
Wide front end to fit MF 85
IH 5 btm. plow
IH 1300 3 pt. balanced head mower
JD #76 tank spreader
NH wagon w/220 gravity box
IH 560 gas tractor motor, same as 403 combine
IH 60 4x14 trip trailer plow
V type snow plow
MF Rotobar rake $725
IH Rotobar rake $425
IH rake $225
3-trailer type chisel plows
Int. 455 4 row planter, double disc openers
IH 10' 370 disc
JD 10' disc
Dismantling Ford 6000 Diesel, w/WF and good motor
Dismantling IH 300 utility w/good motor
Floater w/hyd. buckets, valves and pump, fits small Ford and Massey
JD 8' wheel disk
MC 10' wheel disk
Like new 6T wagon gear w/new 8 ply tires.

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MF Massey Ferguson | WF

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1-760D MF combine 75 w/grain & corn	'23,500
1-750D MF diesel, 1979 w/heads	38,700
1-750 MF diesel 1979 w/heads	34,900
1-750 MF diesel 1976 w/heads	32,700
1-510 MF diesel 1978 w/heads	29,900
1-510 MF diesel 1978 w/heads	28,700
1-510 MF diesel 1974 w/heads	18,900
1-510 MF diesel 1972 w/heads	14,900
1-410 MF diesel 1972 w/heads	11,700
1-8800 White diesel 1979 w/heads	29,400
1-8800 White diesel 1975 w/heads	26,400
1-8600 White diesel 1975 w/heads	24,900
1-1400 NH gas hydro 1978 w/heads	25,900
1-975 NH w/2 row & 3 row corn & grain	9,750
1-525 Oliver w/11' & 2 row, very good	9,250

USED PLANTERS

1-5400 White no-till & dry fert., exc.	5,495
1-5400 White no-till & dry fert., very good	4,695
1-400 IHC cyclo w/no-till	2,875
1-1240 JD w/wet or dry fertilizer, plateless	2,595
1-56 IHC planter w/dry fertilizer	875
1-540 Oliver plate w/dry fertilizer	875

USED TRACTORS

1-8000 Ford	5,400
1-M5 M-M	3,875

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1-110 JD disc harrow transport	1,491
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1-3 B btm. JD plow, pull type	395
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MF 15' Ull reel
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Ford 9N
Ford 3000 Diesel

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JD 24T Baler
JD 4420 Combine with Heads
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- Oliver 880
- Oliver 1750
- White 2-105 Tractor
- Int 656 Tractor

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- Case 1816 Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Dunham Lehr No 2 Loader
- IH 3200 Skid Loader

TILLAGE
- Case 6-Bot. Plow, 20"
- Case Disc Harrow, 10'
- Case Disc Harrow, 12'
- JD 12' Disc Harrow
- Oliver 2 Bot Trailer Plows
- Brady Field Cultivator
- Oliver 4 Bot. Mtd. Plow
- Used Cultipacker

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- NI 315 Sheller
- NI 729A Sheller
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- NI 323 1-Row Cornpicker
- NI 2-Row Cornpicker
- Int. Mtd. Picker, 2 Row
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- JD No. 25 Harvester
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- JD Chopper
- NH 717 Harvester
- Kools Forage Blower
- Gehl 1200 Harvester w/pickup and 2-row cornhead

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AC 3100 10' Offset Disc
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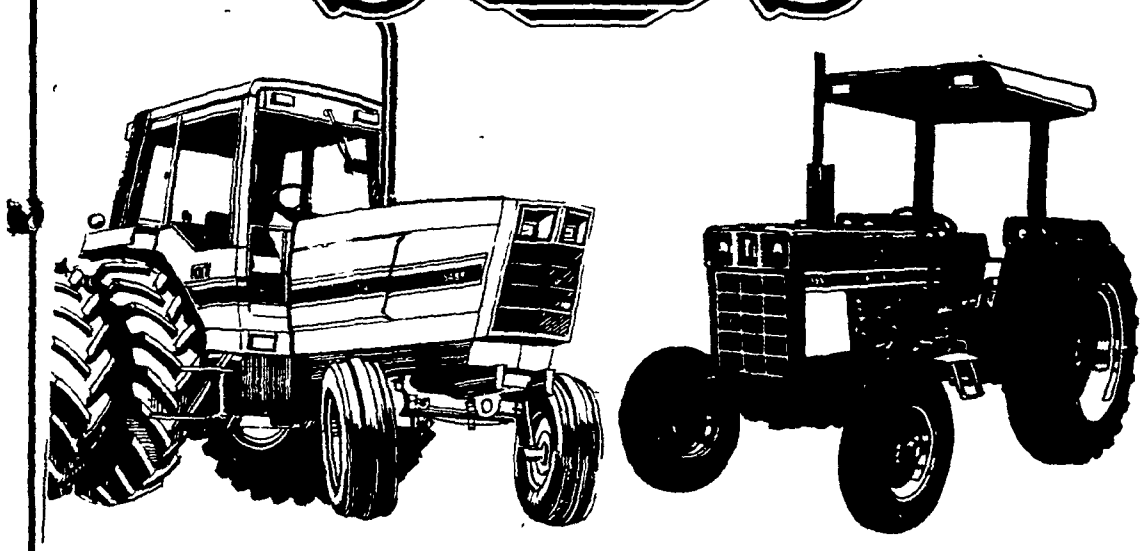

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IH 720 6F 18" plow
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IH 475 12' disk
IH 415 12' packer mulcher
IH 4500 12' vibra shank cultivator

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IH 881 forage harvester w/hds.

PLANTING EQUIPMENT
IH 5100 16x7 drill w/out fert.
IH 5100 18x7 drill w/out fert.

SPREADERS & MISCELLANEOUS
IH 540 spreader 185 bu.
IH 550 spreader 215 bu.
IH 560 Spreader 245 bu.
IH 30' 8' blade
IH 40' 8' blade
IH 2250 loaders

ALL EQUIPMENT ON STOCK

USED TRACTORS

IH 186 D w/cab hydro nice . . $22,500
IH B275D Tractors. $1150
IH 806 D w/3 pt. $8500
MF 1080 D . . . . . Coming In
IH F 300 Gas w/2 pt. $1750

USED CORN HARVESTING & COMBINE EQUIPMENT

IH Sheller for 234 Picker $950
Fox 1 Row Corn Head for a 546 . $150
JD 30 Pull Combine $1150

USED HAY EQUIPMENT

IH 990 7' mower conditioner . . $1750
IH 37 Baler w/thrower $1800
IH 27 Baler w/thrower $1500
NH 469 mower cond. $2350
Hesston 1010 10' hydro-swing mower cond. $3500
NH 770 Forage Harvester w/2 RW narrow head and pick-up unit $5250
IH 2 rw wide and narrow head for 720 and 830 harvesters $1650
IH 45 Table Blower $200
JD Bale Thrower, for a 24T Baler $150
IH 120 Mower (Balanced Head) . $650
Brady 6' Stalk Cutter $450

Waiver of finance until 6-1-83

USED TILLAGE

IH 315 - 12' packer mulcher w/cyl. $2150
Ford 142 Auto. Reset, 5F, 18". $2250
IH 401 16' Harrow $600
Athens 8 Tooth mted. chisel plow $1250
Leley Roterra 12' $950
IH 60 3F 14" trailer plow $375
IH 550 5F 16" plow $1250
IH 710 5F 16" plow w/cyl. $2250
IH 37 10' disk $750

SPREADERS AND MISC.

Hawk Bilt 2195 Flail (New) spreader w/hyd lid $5350
NI Model 211 Spreader (Nice) . $1350
NI Elevator $200

USED PLANTERS AND DRILLS

IH 510 16x7 D.D. Comb. drill. . $3250
IH 56 4 row $1250
IH 400 4 row 38" $1500
JD 494 A w/new hoppers $1350
IH 400 6 R 30" Planter, w/insect $4500
IH 249 2R planter. $500

Waiver of finance until 5-1-83

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1978 1086 w/1900 hrs., cab and air

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Case 1370 Tractor w/cab and air
IH 856 & 1456 Tractors w/2 PTO's
(3) NI 705 Diesel Uni Tractors
IH 2400 B Utility Tractor w/2250 Mount-O-Matic Loader

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Blades fit any make tractors. $500.00 Saving!
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AC 7040 PS, w/cab
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AC 7000 D w/cab
AC 190XT D w/cab
AC 185 D
AC 175 D
AC 5040 D
AC D19
AC WD45
AC WD
MF 1105D w/cab
MF 1100 D
MF 180 D w/loader
MF 180 D
MF 165 D
MF 50 D
MF 50
MF 30 w/loader
Farmall 656 D
Farmall 560 D
Farmall 400
Farmall 460 D
Farmall H
JD 4020 D
JD 3020 D
JD 2010 G
JD 60 w/237 2-row picker
JD 60
White 2-50 D
Oliver 550
Oliver 55 D
Ford 800
Ford 8N
MM G1000 D
Case 630 w/loader
Case 300

MANURE SPREADERS & MISC.
NH 676, 285 BU.
NH 175 BU.
NI 218, 325 BU.
NI 214, 206 BU.
(2) NI 213, 176 BU.
Badger 205, 200 BU.
Weaverline 224 Electric Feed Cart, 30 Bu.
Weaverline 223 Electric Feed Cart, 24 BU.

COMBINES
Gleaner N5 w/15' floating grain & 630 corn heads.
Gleaner MKS w/13' grain & 630 corn heads.
Gleaner F2 w/15' Grain & 4 row corn heads
Gleaner CII w/13' grain & 438 corn heads
Gleaner AII w/cab & both heads
Gleaner AII w/12' grain head
(3) Gleaner E w/cab & both heads
JD 8820 w/950 hrs., cab, air & heat, 15' floating grain, 830 corn heads, like NEW!
JD 55 Super w/cab, 12' grain & 330 corn heads
JD 55 w/12' grain & 338 corn heads
JD 45 w/both heads
JD 45 w/grain head
NH 975 w/11' grain & 238 corn heads
MF 300 w/11' grain & 238 corn heads
MF 82 w/grain & corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 767 Chopper w/702 2-Row Corn Head & 761 Pick Up Head

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NH 0D200 Disc-10' w/26" Blades	$11,500.00	$8,550.00
NH 0D200 Disc-12' w/26' Blades	$12,500.00	$9,550.00

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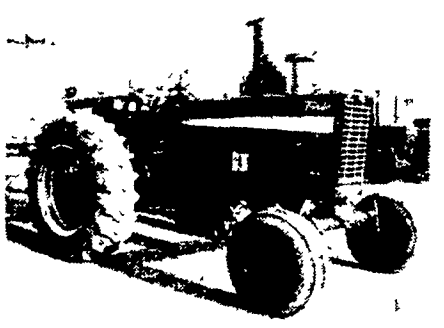
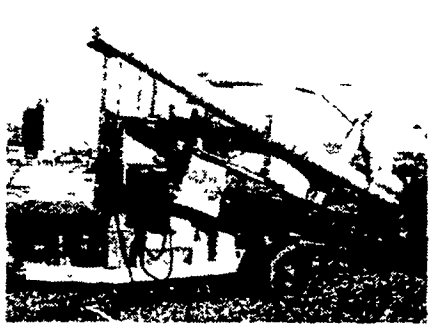
IH 1066 125 HP., Turbo, Clean 2500 Hrs., A Real Buy At $12,250.00



IH 1456 130 HP., Turbo, Low Hours, A Pleasure To Own At $12,000.00



OWATONNA 125 Bu. Cap. Hydraulic Drive Augers, Almost New Steal It For $3450

FORD 6000 67 HP. Diesel - Good Condition Economical Power $2450.00

TRACTORS & ATTACHMENTS

JD 2040, 40 H.P., low hours, like new. **$9350.00**
JD 950, 27 H.P., Diesel, Mint Condition. **$6500.00**
Dozer Blade, For White 2-150 Tractor 10 Ft. **$850.00**
MF 255 50 HP **$11,250.00**
MF 236L Front End Loader - fits four wheel drive tractors, Hydraulic pump included - **Call for Special Price**

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JD 80 Plateless Unit. **$110.00**
JD 1240 4 Row Plateless. **$2600**
JD 494 4 Row. **$1150.00**
MF 468 Corn Planter. **$1500.00**
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Hydraulic Auger Fill Attachment for 4 Row Corn Planter **$300.00**
IH 56 4 Row - **Just Arrived**
JD 1240 Plateless **$1650.00**

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NH L775 60 HP Gas **Just Arrived**
JD 24 37 HP Gas **Just Arrived**

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Kools Blower
Badger Blower. $1500.00
JD 65 Blower. **$895.00**
NI 325 Corn Picker, 2 Row Narrow, Sheller. **$6000.00**
NI 325 Corn Picker, 2 Row Narrow, Husker. **$5500.00**
NH 155 30 Ft. Elevator
JD 32 Ft. Elevator

COMBINES & ATTACHMENTS

JD 3300 Diesel with 343, 3 Row Narrow Corn Head. **$25,700.00**
Case 1665 Gas w/4 Row Wide Corn Head and 13 Ft. Grain Platform. **$6500.00**
JD 4400 Gas w/4 Row Narrow Corn Head. **$17,700.00**
JD 213 Grain Platform. **$1800.00**
NI 717 Combine Unit, Used 2 Seasons. **$8500.00**
NI 740 Fast-tatch Feeder House. **$800.00**
NI 713S 13 Ft. Flex Grain Platform. **$3000.00**
NI 713 13 Ft. Rigid Grain Platform w/Feeder House. **$3000.00**
JD 444 Corn Head, 4 Row Wide. **$4500.00**
JD 4 Row Narrow Corn Head. **$4250.00**
JD 244 Corn Head, 2 Row Wide. **$1600.00**
NH 960 13 Ft. Grain Platform. **$2850.00**
NH 960 13 Ft. Grain Platform. **$3600.00**

MISC. HAY TOOLS

JD 506 Rotary Cutter 5 Ft. **$795.00**
JD 670 Rake w/Dolly Wheel. **$1975.00**

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JD 1380 Mid-Pivot 12 Ft. **$5450.00**
NH 479 9 Ft. **$2700.00**
NH 479 9 Ft **$2475.00**
NH 479 9 Ft. **$1300.00**
NH 495 w/End Transport 12 Ft. **$7450.00**
NH 469 9 Ft. **$700.00**
NH 461 9 Ft. **$950.00**
JD 1320 Disk Mower Conditioner 7 Ft. **$7800.00**

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NH 1890 Self Propelled, Cat Diesel. **$25,000.00**
NH 890A Auger Base and 890N3 Corn Head. **$4000.00**
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NH 880 Harvester w/880 R2 Corn Head. **$2650.00**
NH 717 Harvester. **$1150.00**
NH 717 R1 Corn Head. **$450.00**
NH 717 R2 Corn Head. **$650.00**
JD 1 Row Corn Head. $475.00
NH 707 3-Point Harvester, 1 Row. **$2450.00**
NH 880 N3 Corn Head. **$1800.00**
NH 707 3-Point Harvester, 1 Row **$2650.00**
NH 880 N2 Corn Head. **$1300.00**
NH 717 R2 Corn Head. **$750.00**
NH 822 Corn Head, Low Profile **$2000.00**
NH 822 Corn Head, Low Profile. **$2200.00**
NH 717 N2 Corn Head.
NH 717 Harvester **$650.00**
NI 701 Uni System Picker w/12 Roll Husking Unit and 2 RW Corn Head **$5800.00**

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NH 276 Engine Baler. **$3490.00**
NH 268 Baler. **$1550.00**
NH 273 Baler w/53A Thrower. **$3675.00**
NH 270 Baler. **$1500.00**
NH 273 Baler. **$2200.00**
JD 346 Baler w/30 Thrower. **$5800.00**
NH 77 Baler
NH S69 Engine Baler **$1500.00**
JD 336 Baler **$2975.00**
NH 77 Baler **$450.00**
JD 14T Baler **$600.00**
NH 269 Baler **Just Arrived**
NH 268 Baler w/53A Thrower **Just Arrived**

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NH 790 Spreader 358 Bushel **$3000.00**
NH 518 Spreader 210 Bushel. **$2150.00**
NI 218 Spreader 275 Bushel **$3850.00**
NH S676 Spreader 275 Bushel. **$3500.00**
Badger Liquid Tank Spreader 1500 Gal. **$2450.00**
NI 214 Spreader 206 Bushel **$1200.00**
NI 12A Spreader Ground Drive **$450.00**
IH 101 Spreader **Just Arrived**
NH 367 Spreader **Just Arrived**
NH 516 Spreader 205 Bushel **$400.00**
JD 54 Spreader 230 Bushel **$500.00**
NH 513 Spreader 177 Bushel **$1650.00**

TILLAGE

Oliver 251 Disk 28 Baldes **$1275.00**
Bearcat 10 Ft Roller Harrow **$1295.00**
Oliver 5 Bottom Hydraulic Reset Plow. **$1800.00**
JD 145 2 Bottom Trip Plow **$350.00**
JD KBA Disk - 28 Blades **$450.00**
JD Killiffer Transport Disk. $750.00
IH Plow, 5 Bottom 16". **$1500.00**
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JD 422 2 Way Plow. **$250.00**
Oliver 242 Disk, 12 Ft.
JD 1630 Disk **$3650.00**

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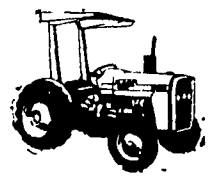

MF Massey Ferguson

TRACTORS & EQUIPMENT

IH 184 Tractor w/Mower
IH 284 Tractor w/Mower
Ford Loader for Ford 2000, 3000 and Any to 8N
AC D17 Dsl. Tractor
MF 50A Tractor, Loader, Backhoe
MF 3165 Tractor w/Loader & Cab
MF 40 Dsl. Tractor and Loader
NH 489 Haybine
NH 479 Haybine
NH 892 Fg. Harvester
NH 718 Harvester w/822 Head & Pickup
Fox 2000 Fg. Harvester w/2R C.H and Pick-up
NH 36 Crop Chopper
NI Cut/ditioner
IH 440 Baler
NH 270 Baler w/thrower
NH 269 Baler w/thrower
NH 1010 Bale Wagon
NH 510 Manure Spreader
NI 213 Manure Spreader
AC 516 Plow
NH 451 Mower
IH Rake
Hesston PT10 Mower Cond.

NEW M.F. EQUIPMENT

MF 520 disc harrow
MF 275 Tractor
MF 285 Tractor
MF 245 Tractor
MF 265 Tractor
MF 210-4 Tractor
MF 1010 Tractor
MF 40B Tractor tor w/Loader
MF 40B w/Cab
MF 40B w/Cab
MF 20 Turf Tractor
MF 124 Baler
MF 34A Loader
MF 34A Loader
MF 32 A Loader
(2) MF 216 Loader
MF 640 Corn Planter
MF #43 2B Plow
MF 820 Disc Harrow
(2) MF 320 Disc Harrows
MF 226 Scraper Blade
MF 227 Scraper Blade
MF 124 Baler w/Thrower
MF 218 3 pt. Rotary Cutter

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Used Tractors:

John Deere 2020, 4520, 4440 cab & air, dual, 4430 w/cab, 4630, 4320, 4230, 4030, 4020, 2510, 2440, 3020
Allis Chalmers 210
MF 175 diesel, 1100
Farmall 1466, 966, 766, 806, 756, 656, 460, 450, M, H, 574 w/loader
Allis Chalmers 210
Ford 9600 cab, 5000, 7000, 4000 diesel w/loader, 3400 w/loader, 2000

Used Combines:

JD 7700
JD 4400 gas
JD 45
JD 55 corn special
NI 704 w/717 combine
JD 7000 6 row conservation planter

Used Corn Heads

JD 2, 4 & 6 row corn heads
IH 6 row
NI 4 row N

Used Choppers:

JD 5200 self-propelled chopper
Fox 3000 w/3 row head
NI uni chopper 3 row narrow uni head

Used Trucks:

IH 2010 tandem w/new grain body & hoist
'73 Chevy C65 w/400 bu. grain body & hoist in good cond.

Used Plows & Disks:

Used Keewanne 20' hydraulic fold mulcher
Used Keewanne 21' disk,
JD 7 bottom on land hitch plow
1450 John Deere 7 Bottom
New White 418 spring reset plow
Large selection of John Deere 5, 6, & 7 Bottom
Athens 21' Hyd. Fold disk
IH 470 18' Disk
Large selection of smaller John Deere disks
New Gehl, Fox & Badger Equip.
JD model 2500 6 btm. 18" auto. reset plow
NI 323 one row picker
JD 346 wire w/thrower
NH 273, 275, 276, 278 balers
JD 1209 haybine
NH 467 haybine
Used Moridge grain dryers
Gehl 95 feed grinder
Gehl 920 tandem axle forage wagon, used 2 seasons

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JD 4430 cab & air, quad range, 1975 model, w/FWD, low hrs.
IH 986 1979 model, cab & air, red seat, digital read out, stereo, 1127 hrs., very sharp
IH 686 diesel 1980, 560 hours, fully equipped, 16.9x38 radials, like new
IH 1466 red cab and air, new TA.
IH 856 D, 1971 model, wide front, 3 pt. hitch, 38" rubber, low hr. tractor, clean.
IH 706 German diesel w/late 56 series shift, 38" rubber, wide front, 3 pt.
IH 1456 w/20.8x38 rubber, good tractor
JD 4320, roll guard, 400 hrs. on engine overhaul.
IH 1206 turbo diesel, fully equipped, new TA and clutch
AC 200 w/yr. round cab, dual PTO & hydraulics 18.4-38 rubber, 1700 hrs., sharp, local tractor.
IH 574 diesel, 700 hrs., w/2250 Mount-o-matic loader w/quick-tach buckets, exc. cond. local tractor $8,850
JD 4320 w/factory cab, 38" rubber fully equipped
IH 966 fully equipped, sharp
IH 856D w/cab, fully equipped.
JD 4010 Diesel, wide front
JD 4010 Diesel, wide front, dual hydraulics, 80% rubber
JD 4020 Diesel, power shift, 38" rubber, clean.
Farmall MTA
MF 85 Diesel, good rubber
JD 620 gas tractor
Cockshutt 30 Diesel w/3 pt. hitch, live hyd. and PTO, real nice shape.
IH & JD cabs (used)
NI 702 power unit w/heavy rear axle
IH 686, 600 hrs., nice and clean, 3 pt
MF 300 combine, quick tach w/2 heads.

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Free Ford Ranger Pickup
TW10, 110 HP, cab, radio heater & dual power, lease tractor $28,000

TRACTORS

Ford 8600
Several Cub Lowboys w/5' mowers
New Ford 3610 diesel w/8x4 synchromess trans., $10,600
New Ford 1900, 4 wh. dr., diesel
2600 Ford, cab, front broom $10,995
5600 Ford, 4 wh. dr., Blue Power Special
5600 Ford 150 hrs. looks sharp
AC D10 w/loader good shape
Ford Jubilee engine good
Ford 800, good shape, 3 pt. hitch
Ford 8N's good rubber, motor good.
Ford compact loader, CL40. 750X15
Ford 4610 8 speed transmission, front weights, roll bar
Gehl Skid loader model HL 3030
New Ford CL 20 diesel engine

EQUIPMENT

Big Dipper front end loader model 672W $1,500
NI 310 pull-type 1 row picker
Ford 1 row mounted corn picker $495
Brady portable hydra mixer, model 1050 $2,495
New IH model 720 forage harvester w/corn & hay head $7,500
New Speedy corn crib, 1200 bu. $795
NH model 975, self-propelled combine, 13' grain head $2,995
New Ford silo blower model 618
Ford chisel plow 131 10 shank $1,595
Chief grain dryer model 250, reduced
Hanson snowblower, 3 pt. hitch, PTO
Cordwood saws, 3 pt.
Platform lift, ideal for hauling your cordwood
Ford & Arps blades, 3 pt.
Kubota snowblower, front mounted
Bomford hydraulic mower, ideal for orchards
Greenline forklifts
Woods rotary cutter model 72

INDUSTRIAL EQUIPMENT

TLB Ford #4500 diesel engine
Ford TLB 550 w/cab, heater, torque converter, real sharp $18,900
Ford Tractor w/forklift model 4000
AC grader w/diesel engine, 6 cyl.
Ford TLB 800 gas engine
Pug Mill
IH truck 550 diesel
Fruehauf 42' drop deck trailer air brakes, year 1976/reduced
Industrial trailers, 2 ton and up
Utility trailers, 2 ton and up

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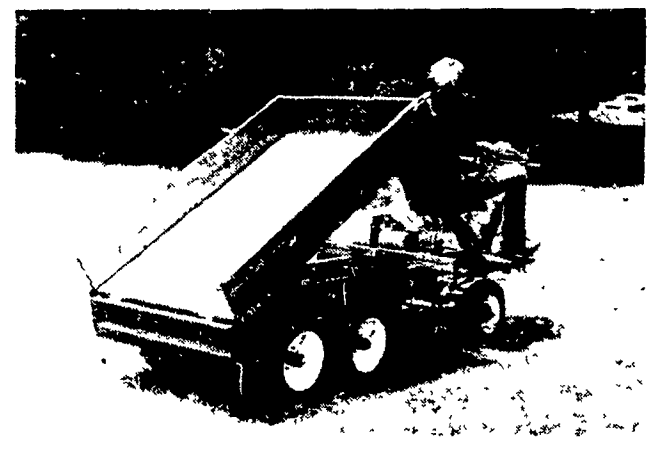

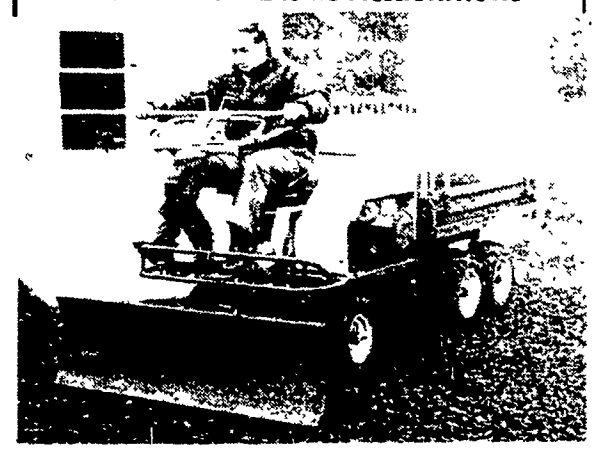

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NEW EQUIPMENT

5088
3288 w/air
784 RC w/TA
584 RC
284D
244 FWD
1420 combine
1420 combine
370 disc
401 harrow 12'
720 plow 4 btm.
2250 loader
45 vibre shank
4500 vibre shank
41 cultimulchers
Dunham Lehr
40 cultimulchers
Dunham Lehr
40 cultimulchers
Dunham Lehr
1302 Holland trans-planter
Gyrostar, tedder and rake
Woods scraper blades
Hesston 245
Selection of Wood's Mowers

USED EQUIPMENT

NH 479 mower cond.
Farmall 656D
2 Super C's
IH 574
Super AV
IH potato planter
IH 455 corn planter
Haines bulk bodies
Mayrath auger 6"x27'
1500 Schwartz loader
Meyers 400 gal. spray
Troyer elevator
100" Howard rototiller
800 Workmaster loader
JD 2 row potato digger
Lockwood 2 rw. potato harvester
2 Ontario grain drills

USED EQUIPMENT

IH 3200A, Skid Steer Loader

WINTER SPECIALS

Hydro 84 Row Crop
720 5 btm. auto reset plow 18"
770 deep till disk 13'9" $6895
L445 NH Loader

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FORD TRACTORS

New TW 20 w/cab, 4wd, air
New 7700 w/cab, air
New 6600
1300 w/front wheel drive

NEW HOLLAND

New TR70 Combine w/ cab, air, heater, w/ cat. engine and lots of extras
13' flotation header and cutter bar, w/hume reel
962 N4 corn head
Used 13' NH grain head w/hume reel
New NH harvesters - 707, 718, 782
New NH 892 w/metal detector
New L35 gas, L55 diesel, L775 diesel skid loaders
Used 469 NH haybine
Used 479 NH haybine

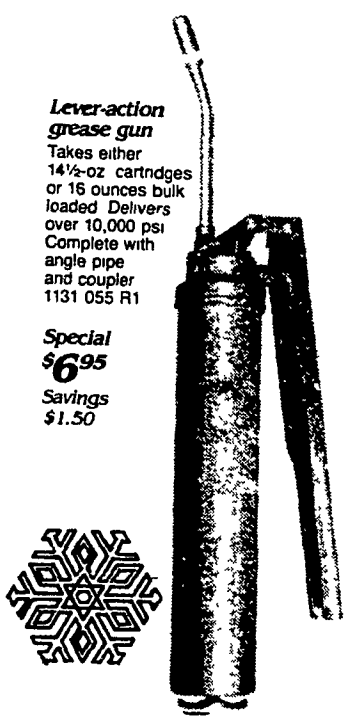
NEW IDEA

New 456 large round baler $7500
New 299 9'3" mow ditioner $4000
NI 404 and 406 rakes
NI 323 one row corn pickers

Used IH 550 harvester w/pickup head and 2 row corn head

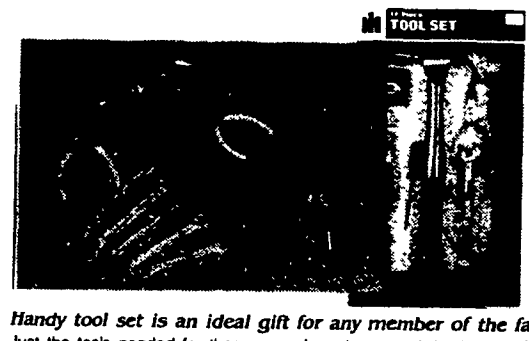
IH SUPER SAVING TIME

Erb & Henry's Part S Mart Specials



Lever-action grease gun
Takes either 14½-oz cartridges or 16 ounces bulk loaded. Delivers over 10,000 psi. Complete with angle pipe and coupler. 1131 055 R1

Special $6.95
Savings $1.50



Handy tool set is an ideal gift for any member of the family
Just the tools needed for those everyday jobs around the house. Quality built into every one of these 12 most-needed items. Includes 16 oz. claw hammer, Phillips screwdriver, pocket screwdriver, ¼ x 4" screwdriver, 6 in. slip joint pliers, 5¾" long-nose pliers, 8 foot tape, 5 open end wrenches (⅜ to ⅝"). 1132 162 R1

Special $19.95

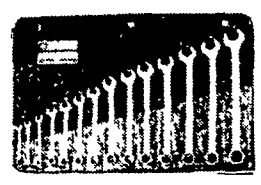
Utility light
Handy for hundreds of uses, this light features directional swivel hook, vented high heat polypropylene bulb guard, safety switch button guards with built-in three-wire grounded outlet, comfortable finger grips, 25-ft. cord. 1131 503 R1

$11.95

13-piece drill bit set
Contains 13 straight-shank high-speed drill bits with polished steel flutes

PART S MART

Shop Now And Save!



14-piece combination set
Fourteen combination wrenches (3/8, 7/16, 1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1 1/16, 1 1/8, 1 1/4-inch), plastic tool roll. 999 546 R1

Special $111.95
Savings $29.00

AGRICULTURAL EQUIPMENT

ERB & HENRY EQUIP., INC.
New Berlinville, PA. 19545
PH: (215) 367-2169

Badger OMC AVCO NEW IDEA

TAG. NO.	ITEM	REG. PRICE	SALE PRICE AS IS
C6259	Jamesway 60' Feeder	1850	1457
M3354	IH #10 Bale Thrower	500	250
C5375D	York 6' Rake 3 pt. w/scraper	750	550
M3360	IH #45 9' 2 pt. Vibra Shank Harrow	475	275
C6415	IH #45 12' 3 pt. Vibra Shank Harrow	800	583
C6413	IH #5 Flail Chopper	700	516
C6298	IH #16 Fg. Harvester w/1 row head	500	342
C6369	IH 650 Fg. Harvester 2 row	3200	1500
M3624	Oliver 10x7 Grain Drill, Steel whls.	395	317
C5987	JD KBA 12' Wheel Disc	1000	851
C6041	Kewanee 13'6" Wheel Disc	1500	1197
M4129	15.5x38 Dual Wheels	750	450
	MH #30 Tractor w/wood saw	1390	1100
C5962	NI 314 Sheller Attch	595	446
C6285	NI 325 2R Narrow Picker 12 roll	5500	3500
M4132	IH 449 4R Planter	450	395
C5557	IH 449A 4R Planter	795	595
M3455	IH 400 4R No-Till Planter	4500	3500
C6157	JD #130 3x14 Plow	500	399
C6112	200 Gal. Sprayer	500	200
C5587	NH 676 Spreader Tandem Axle	1895	1676
C5260	NI 213 Spreader	1895	1598
C5490	Starline Tank Spreader	1295	822
C6405	Hawk Bilt 357 Tank Spreader Tandem	3000	2500

OTHER USED EQUIPMENT

JD 4020 WFE Side Console, Low Hrs.
IH 656 Dsl. w/2000 Loader
IH Super C
IH Super H, Excellent
IH 2500 Industrial Tractor w/Loader
IH 2500 Tractor/Backhoe Loader
IH 1206 Tractor
IH 806 Tractor
IH 706 Tractor
IH 674 D Tractor
IH 656 D Farmall Tractor A-1 Cond
IH 656 Gas Farmall Tractor
IH 606 D Utility Tractor, Exc
IH 574 D Tractor w/2050 Loader
IH 544 D Tractor Utility Hydro, Ft Pedal
IH 200 Farmall w/Cult. & Front Blade
Case SC Tractor
Ford 961 Tractor
IH 756 Diesel Tractor
Long 350 Low Hrs

JD 70 Skid Loader
#10 Hydra-Mac Skid Loader
Bobcat #310 Skid Loader, 110 Hrs.

JD 2600 5B Auto Plow Variable Widths
IH 710 4x16 Plow Reset
IH 560 6x16 Plow
Long 2x14 3 pt. hitch plow
JD 720 5B 20" Plow
Oliver 3x14 3 pt. Plow
IH #55 9' Chisel Plow
Case 8' Disc
Dunham Lehr 9' Disc
IH 19B Disc
IH 53 4 Row Cultivator
IH 263 2 Row Cultivator
Oliver 10 Ft. Disc

IH 555 Fg. Harvester
Fox 546 Fg. Harvester
Fox 3300 w/2R Narrow Corn Head
Fox 249 Snapper Head
Fox Custom 90 Fg. Harvester
NH #818 Fg. Harvester
Brady 722 Flail Chopper
IH #8 Flail Chopper
IH #5 Flail Chopper

NH #6 Fg. Wagon
VanDale 185 Mixer Wagon w/Scales
Coby 4000 Fg. Wagon
McCurdy Gravity Box
Kilbros Gravity Box
Grove Fg. Wagon w/7 Ton Gear
Gehl Fg. Wagon w/8 Ton Gear
Brady 512 Feeder Wagon
Badger Fg Wagon w/Tandem Axle, Roof

IH 1460 Combine w/6 row Head
IH 915 Combine w/6R Corn Head
IH 715 Combine w/4R Corn Head
IH 205 Combine w/13' Platform

3 Pt. Hitch Stackmover
OMC 590 Sm. Round Baler
NI 456 Big Roll Baler
IH 241 Big Roll Baler
IH 2400 Big Roll Baler
IH 445 Baler w/Thrower
IH 440 Baler w/Thrower
NI 270 Cut/ditioner
NI 279 9' Cut/ditioner
IH 1190 9' Windrower
IH 990 9' Windrower
OMC 216 9' Windrower
OMC 208 9' Windrower
Case 555 9' Windrower
Hesston 10' Hydro Swing Windrower
Hesston 320 AP 9' Windrower
NH 404 Hay Crusher
JD 5' Rotary Mower - Excellent
Mott 3 Pt. Mower
Fisher Hay Tedder PTO
JD 894 Rake
IH 15 Rake
Hesston 12' Loader for Hydro Swing Windrower

702 Uni Cheap
705 Uni
767 Forage Harvester
710 Combine
729 A Shelter
NI 744N Corn Head
770 Feeder House

IH 56 Blower, Reconditioned
Hussler 56 Blower
Fox 44 Table Blower, belt driven
Kools KB60 Blower
NH #27 Blower

JD FB 13x7 Comb. Grain Drill
JD 17x7 Comb. Grain Drill
IH 16x7 Comb. Grain Drill

IH 1150 Grinder Mixer
Danco 8' 3 Pt. Blade
Little Giant 34' Elevator
KW Loader for IH 284
Walsh 500 Gal. Sprayer, Nice
Walsh 300 Gal Sprayer

NI 245 Manure Spreader
NI 244 Manure Spreader
NI 224 Manure Spreader
NI 218 Manure Spreader
NI 214 Manure Spreader
NI 213 Manure Spreader
Better Bilt 2600 Gal. Liquid Spreader
IH 540 Manure Spreader
Hawk Bilt #357 Spreader, Exc.

JD 1240 4 Row Corn Planter
IH 400 6R No Till Corn Planter w/Monitor
IH 400 4R No. Till Corn Planter
IH 56 4 Row Corn Planter

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JANUARY SALE

Prices reduced drastically for quick sale.
Take advantage of the January sale.
Prices F.O.F.

TRACTORS

	List	SALE
JD 4000 tractor	$12,500	$9,600
JD 4010	8,900	8,400
JD 2520	8,900	7,800
JD 2510	7,000	6,200
JD 730	4,200	3,200
30 Ferguson	1,800	1,600

HAYING EQUIPMENT

	List	SALE
JD 1209 mower conditioner	$3,200	$2,500
JD 640 rake	1,175	975
JD #10 mower parts		50

COMBINES

	List	SALE
JD 6620 sidehill w 643 head	$74,400	$66,000

CORN PLANTERS

	List	SALE
JD 290	$400	$300
JD 1240	3,000	2,000
JD 7000 planter. 4RW	6,500	4,200
JD 7000 4RW w/new min. till coulter and pop. monitor	6,900	4,800
IHC 56 4 row	2,600	1,600

DISCS AND PLOWS

	List	SALE
JD 12' KBA disc	$1,200	$650
Pittsburg 12'	1,600	1,000
JD 950 roller harrow	3,800	3,400
JD 145 plow 5-16"	2,100	1,800
7 tooth Taylor Way chisel plow	975	850
10' Oliver Disc	1,150	995

OTHER EQUIPMENT

	List	SALE
IHC harvester. #16	$1,495	$800
JD 38" row crop head	675	450
JD 37 loader	995	750
NI spin spreader	695	500
Ontario drill 16x7	3,200	2,500
6000 Kools blower, 1000 RPM	1,275	850
Dual wheels 20.8x38.	850	600
JD 79 tank spreader	550	500
30" 2R Row Crop	800	725

SPECIALS ON NEW EQUIPMENT

	List	SALE
JD 1640 plowing disc	$8,875	$6,000
JD 225 offset disc. 10'6"	6,100	4,000
JD 2600 plow, 4 bottom 18"	8,000	5,500

	List	SALE
JD 1550 power till seeder rental machine	$10,700	$6,000

Waiver of finance and payment on nearly all equipment

JOHN DEERE

AUKER-ENA EQUIPMENT, INC.
Oakland Mills, PA 17067
717-463-3511 436-2235

(Combines, Tractors and Equipment on our Lot.

(Combines) Used 1980 New Holland TR 70 w/cat engine, like new with grain and 6 row C.H. Excel; Used 1980 JD 8620 fully eq. w/843 corn head real nice. 1981 JD 6620 turbo Hydro, 200 hrs., like new. 1977 JD 4400 Dsl. CA real nice like new; JD 8620 fully eq. w/4 whl drive and dual wheels used 450 hrs. like new for $68,500. New JD 4420 fully equipt. 443 C.H. 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn, 1977 Gleaner L2 hydro w/6 row C.H. 1976 Gleaner FD w/air and both heads (1 local owner); 1976 Gleaner KKS cab & air w/grain $12,500, 1976 Int. 915 grain head $19,900, 1979 MF 550D, excel. w/grain and corn heads. 1975 MF 510 hydra. w/grain and corn. 1973 Int. 915 gas w/grain head $6750. MF 510D w/cab, Quick Tach grain for $6950.

1968 Gleaner CII diesel w/cab and 4 row C.H., JD 7700 D w/grain & corn head for $24,500, JD 6600 D w/air & 13 Ft. grain.

1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.

Late model Int. 303 w/cab, N.H. 985 w/cab and grain and 4 row 38" C.H. 1972 Gleaner F w/grain & C.H. NI 702D w/cab $6200. NI 702 w/729 A sheller.

TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard, Ford 4000D w/1400 hrs. excl.

New John Deeres 4040 w/Power Shift and R G. for $23,950, New JD 4240 cab & air Q.R. for $30,000, (6) real nice balers, JD 346 w/thrower, JD 336 w/thrower, NH 320 w/thrower, used 1 season. NH 315 w/thrower, NH 851 Round Baler (nice); JD 500 Round Baler; Hawk Built round baler.

Corn Heads JD 643, 444, 843, 343, 443, 435N, 313 for 45C, 334, 235, Massey Ferguson 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, F438, K238, F335, F330, M430, K330, Int. 863, 864, 843, 743, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, Int. 6 row, 30" for 503, NH 4 row 38" C.H. New JD 444 $7350, New JD 643 $12,500, used White 706N C.H.

New Int. 5088 fully eq. new Farmall 1586 w/radial tires and triple outlet for $29,500, Farmall 706 gas, 806 diesel w/cab original-Nice. 1206 real nice, new JD 4440 C.A. Quad w/radial tires, used JD 4230 w/R.G. and creeper gear, 2630, 1966-4020, 3020D WF and Diff lock. We have 5 JD 4020 side console diesels. JD 2440 w/R.G. 2840 for $11,600, 1970 JD 5020, 4010D WF w/dual hydraulic, Ford TW20 w/cab w/220 hrs., damaged, give us an offer, 1972 JD 4020D, WF.

TRACTORS AND EQUIP. REC. THIS WEEK. JD 4640 power shift fully eq. w/300 hrs., like new for $33,800.; Farmall 1066 w/front wheel drive used 800 hrs., JD 4620 w/cab, (SOLD) JD 4020 S.C. P.S., JD 2630 w/loader, Oliver 2255 w/cab, Case (SOLD) 1210, Farmall 826D nice original, New NI 324 picker w/super sheller list $15,590. Special $8,475. New NI 325 picker w/super sheller, new NI 404 wheel rake; NI 2100 (Demo) liquid manure spreader list $11,300 Special $6450. Farmall 706 w/310 German D w/cab, MF 1105 w/cab and air. Farmall 656 hydro D. w/cab, Farmall 1456 original; Int. 544 utility hydro D w/2000 loader, JD 8630 fully eq. w/duals; JD 4020 D.W.F. Power Shift, JD 2520D, MF 1135 w/R.G. and dual wheels, MF 285 D. Int. 656 utility Hydro D. D.B. 1200. NH 890 2 row snapper head. JD narrow 30" 2 row crop head, like new. Used N.H. 354 Grinder Mixer, like new.

NI 325 pickup w/12 roll bed used 4 yrs.

TRACTORS 1977 JD 4230 cab, air, quad, real nice. JD 6030 C.A. Duals, real sharp; JD 6030 cab and duals, JD 4320, JD 4010D, 1 owner original, Farmall used 966 cab and air, 1566 cab and air w/new T.A., Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres, New NI 323 - 1 row pickers at old price.

Int. 3588 - 2 + 2 w/dual wheels, used 530 hrs. like new for $29,500; JD 4020 W.F. power shift, good tires $7700; Case 1070 P.S. $6975; JD 4020D. W.F. D.L. Dual hydraulic & cab, JD4010 D. W.F. JD 4010 Tri D, Farmall 766, 706 w/310 German D. 1 owner original, real good. Oliver 1850D, Case 930 Standard, 460D w/F.H. New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, (Summer Specials) New JD 4440 Sound guard body QR $34,800. Deutz 9006, Farmall 1066 cab needs repair come look and make offer.

CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear.

TRACTORS AND EQUIP. JUST PURCHASED FROM 3 farm stores. John Deere - 4630 C.A., 4520 w/cab, 4020, 2630 w/146 loader, 3010D, 2030, Farmalls-1066, 350 w/P.S. and F.H. Int. 340, utility, 240 w/L. 574D, Case 870D, Glenco SS9 Soil Saver, Int. #710-4 & 5 x auto reset, White 5X reset, Ford 4X reset, JD 210 Disc, JD 740 Harrow, Planters - JD 2000 6 row fully eq., JD 7000 4 row late model Int. 56 4 row, JD 8200 grain drill, Brillion 10 ft. seeder like new, Haybines - (2) JD 1209, NH 488, Balers - JD 346 w/thrower NH 315 w/thrower, NH 258, 256 rakes, Kuhn Hay Tedder (Harvesters) NH 890; w/3 row 30" C.H. 2 row snapperhead and pickup head. JD 3960 w/243 snapper head. Forage Wagons JD 216 - tandem axle Gehl and Lamco; 4 hay rake wagons, JD 10 ton gear w/K.B. #375 bin. JD 158 loader, NI 325 picker w/12 roll bed, JD 237 mtd. picker and sheller with Gehl 72 Flail.

CORN PICKERS - Used (2) N.I. 324 w/12 roll bed, (1) NI 325 N w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30'' picker w/grinder. Int. 234 w/12 roll bed. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. Used NI 323, #10. (SOLD)

J.D. 7520 w/3 pt. & Dual Wheels. JD 4020 w/58 Loader, JD 4430 w/sound guard, cab and Q.R. for $15,500.00, JD 4320 w/cab.

Farmall - 1568 - V8 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856D nice, Steiger Bearcat 4 whl. drive w/dual wheels and new motor in excell. cond.; Farmall 460 (SOLD) Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756, Cub Cadets 1650, 1450, JD 210, 200, 112, Farmall cub w/mowers.

HARVESTERS. Used JD 3950 w/long tongue and elec controls real nice for $7250, N.H. 770 w/2 row, Used Int. 720 - 2 row, for $4650. NH Super 717 1 row, J.D. 38 Chopper w/2 row, Fox 2 row snapper head. NH 770 1 row snapper C.H. Gehl 600 w/2'' 30'' & pickup head.

Gehl 400 w/2 row snapper head W.N. and pickup head, Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800.

ALLIS CHALMERS New 7010 - AC 200 (SOLD) w/factory cab, AC 185 w/R.G. w/600 hrs. for $9400. AC 185 w/turbo for $8000; 7040 w/cab, power shift like new, low hrs., 210 w/new 20.8x38 tires, AC 7000 P.S. w/R.G., 180D, AC H3 Crawler w/blade and winch.

JOHN DEERE New JD 4440 cab, air, power shift, $35,900. New JD 4440 cab, air Quad, used JD 4430 - 4 post, power shift, used 4230 cab, air, QR, nice, 1975 - 4430 C.A. QR. sharp. 4030, 5020 tractor puller, JD 4030 w/R.G. and Quad. JD 60 w/P.S. JD. A. JD 70 w/P.S. & 3 pt.

FARMALLS: used 1066 w/cab, air, 1 owner-looks like new, 20x38 tires for $19,500, 686 Dsl. w/1600 hrs., 966 black stripe w/roll guard, 1066 red cab & air, Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall hydro 70 w/w.f. and 3 pt., 826 hydro D nice. 656 Hydro D. WF 3 pt. original, Farmall 400 gas w/P.S. F.H. real nice w/4 row cult. and F.H. rear blade.

Int. W9 gas w/pulley (SOLD).

New White 2-105 w/cab $22,850. 2255 w/V-8 cat and new over and under shift.

MASSEY FERGUSON - 2805 24 spd. w/duals real nice, 1130, MF 180D. 1971 MF F100 w/cab real nice, MF 1130 for $6250 Look at these tractor prices.

(Case) New 2090 Cab & Air, power shift $23,900; Case 1030D for $5700. Case 1210 at (SOLD) $4950. Case D.B. 1200 for $3900. D.B. 995D, Oliver 1950T w/cab, 2050, 1855 w/20:8 tires 1800, 1850 w/cab, 1550 gas, 1855 w/dual wheels, Oliver 550 w/loader, Ford 6000 Commander, D, Ford 5000D real nice, Ford 3000D, 52 Ford 8N Original excel. Ford 5000 Dsl. w/dual power, real nice, MM Vista 1000 w/cab and loader, MM S670 diesel.

JD 2510 gas, Long 350D w/mtd. broom; Int. 460 utility w/loader.

N.I. 702 Uni tractors w/combines & 729 A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads..

IND. EQUIPMENT - Int. 510 4 whl. drive payloader used 500 hrs. like new. Cat 933 crawler loader, Case 850 D dozer (SOLD) w/hydrl. blade, Skid Loaders - Bobcat Hydro (SOLD) 700. Ford CL40 Skid Loader.

Ford 4000 gas loader and backhoe.

Int. 3400D. L&B Howard 3 pt. backhoe, Long 1199A-3 pt. Backhoe like new $3850.

TRACTORS W/LOADERS - JD 4020 W.F. w/58L, JD 2020 w/47L, Int. 544 utility w/2000L, Int. 340 utility gas w/L, Int. 350 utility gas w/L, MF 202 Ind. w/L, Oliver 550 gas w/White 1510 L, Case 530 w/L.

Mechanics Special JD 4020 gas, power shift $3950.00.

Case 1030 Needs Trans. Work. Case 1410, Farmall 460D w/F.H.

PLANTERS Used JD 6 row Conservation, fully eq. real nice. New 7000 JD 4 row w/Inst., fert. & monitor $6950, used JD 7000 six row w/fert. fill, plateless, inst. w/minimum till & monitor, (new) White 5100 4 row planter w/monitor for $6850.00, Used Case 13 ft. Disc w/new blades and dual wheels. (New Haybines,) Gehl 1090 9 ft. for $4800; (used haybines), MC 7' rotary scythe, JD 1209, NH 488.

New Holland 354 Gr. Mixer.

MF #246 Quick tach loader Like New, used JD 444 corn heads from $2450, and up.

Cabs for JD and Int. Tractors. Used Int. rollguards. New Int. #4500-16½ ft. field cult.

Glenco 12 ft. 9" Soil Finisher like new.

New JD 8300 grain drills 21x7 double disk, Used Int. #510-18x7 D.D., Farmall 560 w/Int. 234 mtd. picker, $3775.00.

Planters - Oliver Planter 6 row w/no til fert. fill, inst. AC 4 row no til w/dry or liquid fert., Woods 120 offset cutter. NH pick- up heads for 770, 717, Miller 12 ft. offset disk, Athens 10 ft. rock disk) JD Disks #210 - 12x14 ft. Int. #480-22 ft. Wing Disk, Badger 1500 gal. liquid tank spreader, New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. Used Manure spreaders - 1 NI 214 nice, JD 54 - good, NH 518 - nice. Int. #200 Gr. drive spreader, NH 27 & 28 Blowers.

PLOWS - Int. #720 5x18 (SOLD) reset like new, Ford 3x18 sp. reset, JD 2500 6x sp. reset, JD 5x hyd. White 4X spring reset, 2 rollover plows - Int. #140 - 4x18, Oliver 4x16 rollover plows, New Brillion 21' hyd. fold packer, Used Brillion 15 ft. cultimulchers, Chisel Plows, Int. 13 ft. 3 pt. and w/gauge wheels, JD 11 ft. pull type Athens 7 and 10 ft. 3 pt., New Johnson loader.

Flail chopper, New Holland 38, Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550, Rakes NH 256, used NI 404 whl. rake.

Bargain corner Haybines - 2 New Idea 9 ft., 2 Hesston PT 10.

Owatonna 200 haybine, NI 279 cut-ditioner; NH 469 Haybine; NH 269 Baler w/thrower; Starline tank spreader, Hawk Built tank spreader, Bearcat Gr. Mixer, Helix Gr. Mixer; Woods 4 row stalk shredder, Int. 400 4 row, air planter for $975.00, White 5400 4 row no til, JD 1240 plateless, 6 JD 1250 and 1300 six row planters for $700 to $1450, Int. 400 6 row air planter for $1450.

Used JD 400 15 ft. rotary hoes, New White. 14 ft. field cult., Kawanee 22 ft. Wing Disk, JD 220 Hydraulic fold disk, Int. #510 24x7 DD grain drill-nice.

Loaders - used JD 58, JD 148, 46A, MF 246 QT like new, MF loader for 1105, new Int. 2250. Int. 2000 Loader, 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 4 Used 30.5 x 32 tires.

(Combines for Parts) MF 510.

TRUCKS - 1979 Chev. C65 24 ft. rollback w/61,000 miles, like new, KW truck tractor fully eq. looks like new, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new (New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for Int. 550, 650, 350, Fox pickup head, (20) sets of dual wheels all sizes.

JD front & rear weights, IH front and rear weights.

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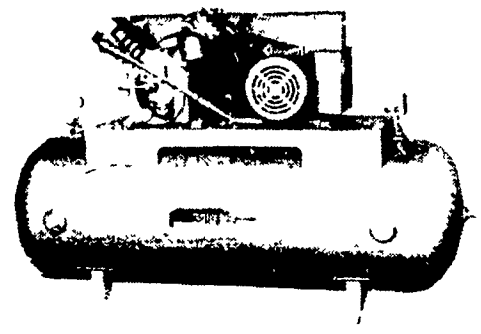
A RUGGED, LOW COST, HARD WORKING, TWO-STAGE AIR COMPRESSOR. . .



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5 H.P., 80 Gal. Vertical Tank
Our Regular Price. $1795.00
SPECIAL $1495.00
NOTE: We have 4 units available at this Special Price. 3-Single Phase and 1 Three Phase, all with vertical tanks.

BUSH HOG® LOG SPLITTERS

Powerful hydraulic log splitters - for farm, campground, & commercial use.
Model LS-19A: 19" Log Capacity
$395.00
Model LS-27A: 27" Log Capacity
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Model LS-33A: 33" Log Capacity
$595.00

USED OLIVER TRACTOR PARTS

- 2 - Hydra - Power Transmission Rebuilt 1550, 1600, 1650 $1000.00 Exchange
- 2 - Hydra - Power Transmission Rebuilt 1750, 1800, 1850, 1900, 1950 $1250.00 Exchange
- 3 - Wide Front Axle Assemblies

Reconditioned Oliver Crankshafts w/Bearings in Stock

- 1- L-119-B, .020 Rods & .020 Mains 66 Gas
- 1- L-119-D, .010 Rods & .010 Mains Super 55&66, 550, 660, Gas & Diesel
- 1- M-119-D, .020 Rods & .020 Mains Super 77, 770, Gas & Diesel
- 1- K-119-D, .010 Rods & .010 Mains Super 88, 880, Gas & Diesel
- 1- 155-883-A, STD. Rods & STD Mains 1600 Diesel
- 1- 155-884-A, .010 Rods & .010 Mains 1600, 1650, 1655, Gas
- 1- 155-897-A, .010 Rods & .020 Mains 1650, 1655, Diesel 1750, 1755, 1800, Gas
- 1- 30-307-8663, .020 Rods & .020 Mains 1750, 1755, 1800, 1855, 1950 T, 1955, Diesel 1850, 1855, Gas

Reconditioned Oliver Cylinder Heads with Valves

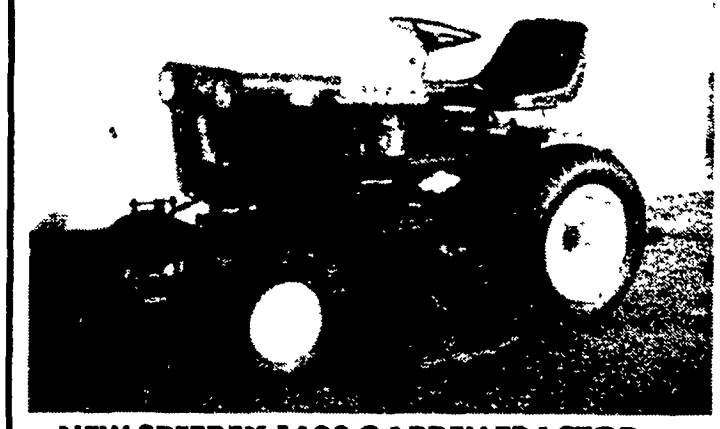
1 - 60 Gas 1 - 55 Gas 1 - 1855 Diesel
2 - 550 Complete Rebuilt Gas Engine
1 - 550 Complete Rebuilt Diesel Engine
1 - New 770 Short Block

Call Paul Weaver For All Your NEW & USED Oliver Replacement Parts. We Will Ship UPS

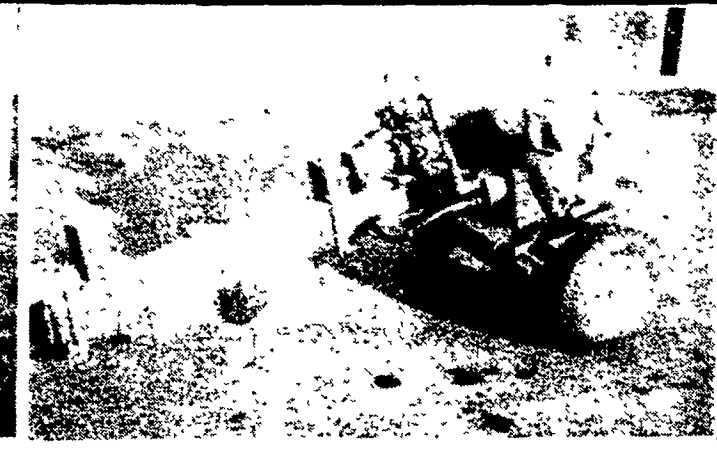
NEW OMAHA STANDARD GRAIN BODIES IN STOCK

- 2 - 12 ft. w/40" or 52" Steel Grainsides
- 2 - 16 ft. w/40" or 52" Steel Grainsides
- 1 - 18 ft. w/52" Steel Grainsides
- 1 - 20 ft. w/52" Steel Grainsides
- 2 - 14' w/52" Steel Grainsides
- 1 - 17 ft. w/52" Steel Grainsides
- 1 - 19 ft. w/52" Steel Grainsides

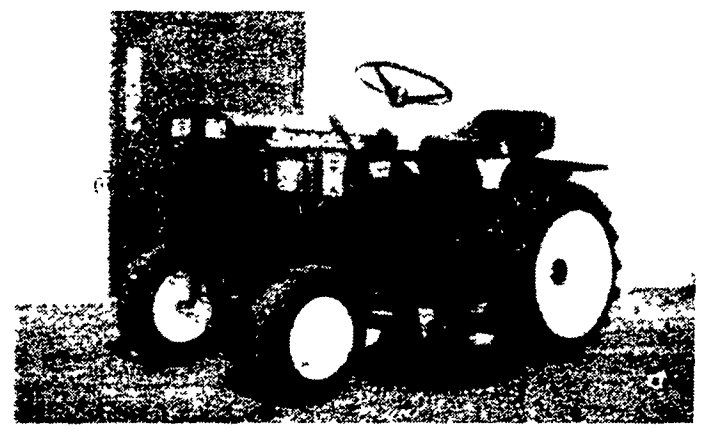
20 MORE OMAHA STANDARD GRAIN BODIES COMING IN JANUARY 15, 1983



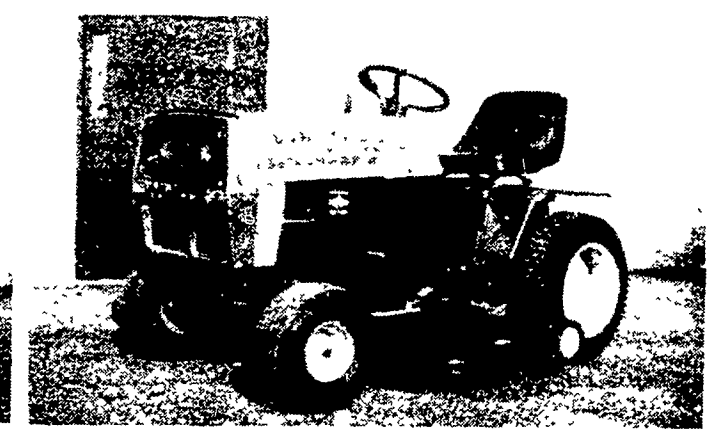
NEW SPEEDEX 1622 GARDEN TRACTOR
16 H.P. Electric Start, Hydrostatic, Hyd. Lift, 48" Rotary Mower and 48" Snow Blade
OUR PRICE $3595.00



NEW MIGHTY MAC LS247
7HP Log Splitter
OUR PRICE $1095.00



NEW SPEEDEX 1040 GARDEN TRACTOR
10 HP, Electric Start, 4 Speed w/36" Rotary Mower and 42" Snow Blade.
List Price $2767.00
OUR PRICE $1895.00



USED WHITE LGT 1610 LAWN TRACTOR
16 HP, Twin Cylinder, Electric Start, 4 Speed w/ 44" Rotary Mower & New 40" Snow Thrower.
COMPLETE $2195.00

NEW WHITE GT 1822 GARDEN TRACTOR
18 HP, Twin Cylinder, Electric Start, 4 Speed w/ Variable Drive, 50" Rotary Mower & 45" Snow Blower.
List Price $4746.00
OUR PRICE $3495.00

1974 INTERNATIONAL V8 GAS
13 Speed, Reconditioned w/New 18 Ft. Aluminum Grain Body, 60" Sides, Double Acting Tailgate, Harsh RL108 Hoist.
$22,500.00

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Located in the Village of Farmersville, Lancaster County
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Bolens DIESEL TRACTORS

WHITE FARM EQUIPMENT

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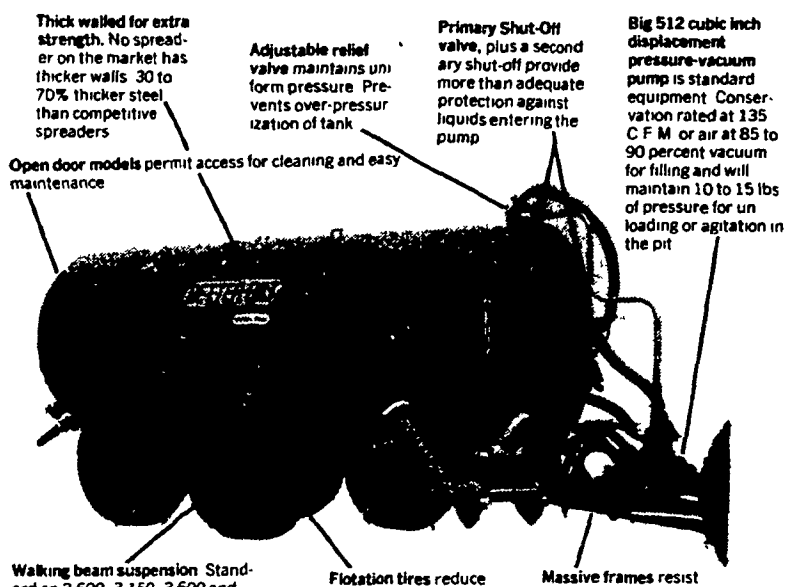
Outstanding Features


Thick walled for extra strength. No spreader on the market has thicker walls 30 to 70% thicker steel than competitive spreaders
Adjustable relief valve maintains uniform pressure Prevents over-pressurization of tank
Primary Shut-Off valve, plus a second ary shut-off provide more than adequate protection against liquids entering the pump
Big 512 cubic inch displacement pressure-vacuum pump is standard equipment Conservation rated at 135 C F M or air at 85 to 90 percent vacuum for filling and will maintain 10 to 15 lbs of pressure for unloading or agitation in the pit
Open door models permit access for cleaning and easy maintenance
Walking beam suspension Standard on 2,600, 3 150, 3 600 and 4,600 gallon models (Optional on 1 500 & 2 100 gallon models) Front & rear wheels on each beam follow contour of the ground provides a smooth level ride
Flotation tires reduce soil compaction let you spread on soft ground early in season
Massive frames resist the wrenching twist ing jolting shocks of hard field usage, year after year

Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

—SPECIAL—

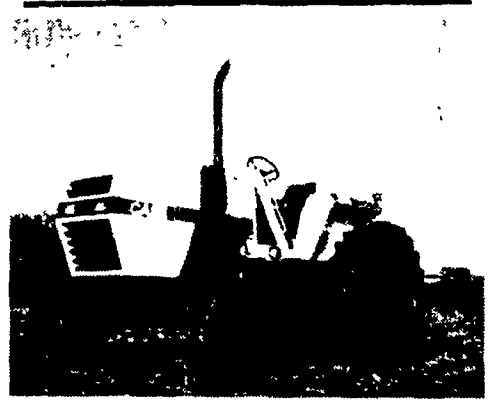
1 - USED BETTER BILT 2600 Gallon VACUUM SPREADER w/Tandem Axle and 4" Suction Hose, Plow Down Attach.

1 - Used 5½ ft. Pickup Head for JD 3940 Harvester, good condition.
One 7' Myers snowplow for Ford ½ ton pickup, good condition

CALL US FOR YOUR NEEDS OF

- Farrowing Crates
- Lagoon Pumps
- High Pressure Pumps

SPECIAL OFFER



BRAND NEW 2090 CASE

108 HP, 504 Cu. In., 18.4x38 Tires, 540/1000 RPM PTO, Dual Remotes, 8 Speed Trans., 2 Yr. Warranty

CASE Quality For Only **$25,960.00**
SAVE $ $ $

By Buying Now Deduct An
Additional **$2,090 OFF**

PLUS
ONLY 8.8% Financing
For 4 Years. Don't Miss This Bargain!

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FIXED RATE FINANCING AVAILABLE AT 15% ON ALL EQUIPMENT LISTED BELOW

25% OFF THE FOLLOWING

- Brand new demo 2 bottom plow w/14" bottoms trash boards, coulter, shear bolt, ideal for small tractors $495.00
- New Pittsburg drag spring harrow, 8 ft. wide $461.00
- New Ohio dump cart for your garden tractor $179.00
- New Year-A-Round 3 pt. quick hitch to fit your 3 pt. $355.00
- New Holland hay pickup header $680.00
- Case heavy duty Cat II III quick coupler adjustable hitch for your 3 pt. tractor hitch $480.00
- Used IH transport No. 37 disk harrow 11 ft. width $1650.00
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- Sauder loader mounting brackets for Ford tractor $25.00
- Used Gehl Model TR600 2 row wide corn head, good cond., Serial #8800 ..... $380.00
- Gehl Model CB600 Harvestar with 2 row wide corn head with 540 PTO, 11Lx15 tires, manual controls, hi-rise spout extension ideal to blow in trucks ..... Only $1850.00
- Hi-moisture grinder blower White-McKee Model CH, Serial #994 with gravity flow hopper 1000 RPM PTO (like new) they do work. New Price $4500 Approx. ..... Our Price $2450.00
- J&M Gravity Bin on Dunham 8 ton wagon with 11Lx15 tires $1025.00
- Good used Dunham cultipacker with 17" wheels, 11'4" rolling width $739.00
- New Case heavy duty lawn sweeper, 11 bushel capacity with large tractor wheels $370.00

15% OFF THE FOLLOWING

- New Dunham hi clearance 8 shank twisted shovels, spring shank $1716.00
- New Knight 180 bu. PTO manure spreader w/Gatz Web Serial #180-1593 ..... $3205.00
- New Holland Model 357 grinder mixer w/21" mill unload auger extension $6900.00

Good Used John Deere Model 110 DISK TRANSPORT HARROW
13'10" Cut, New Blades, Dual Transport Wheels. Ready For Work.
SPECIAL CASH & CARRY PRICE ONLY $1980

Case Model L ANTIQUE TRACTOR
Good Running Order with Belt Pulley w/Steel Wheels
MAKE OFFER!

USED ATHENS MODEL 131 DISC HARROW
Flexible type, 12'11" cutting width, approx. 21" blades
$2960

USED JD MODEL 430 TRACTOR
tricycle type, runs nice
Priced **$2150**

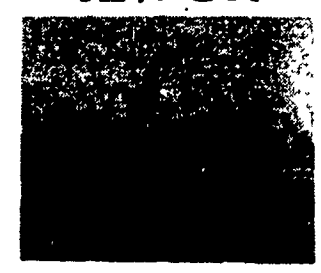
Just Arrived
IH MODEL 1066 DIESEL
Loaded, Nice
$10,800

Also
Almost New GLENCOE SOIL FINISHER
Model SF129
(Used on about 30 acres)
$5495
Less Another 5% 10% OFF
For Quick Sale

USED CASE MODEL 1175 DIESEL TRACTOR
cab, air, heater, w/dual wheels
Priced
$13,800

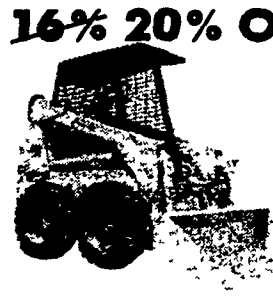
25% OFF Owatonna 350 Skid Loader
24 HP Hydrostatic Drive With Bucket
$4,900 Less 25% 30%

12% OFF



FORD CL-40 SKID LOADER
Ford V-4 gas engine, 60" bucket canopy, Serial #6563
Only **$7,880**
Less **12% OFF**

16% 20% OFF

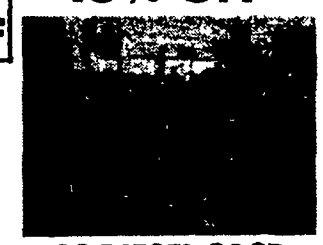


CASE 1737 UNI-LOADER
with narrow tires, quick attach bucket, Case gas engine.
Only **$5,900**
Less **16% 20% OFF**

12% OFF
Looking For A Good, Clean, Used, Self-Propelled Forage Harvester? We Have It!

Field Queen Forage Harvester 3160 V8, Cat. Diesel, Hydrostatic Drive, 7 ft. Hay Head & Corn Head. Ready For Your Field.
$16,950 Less Another **12% OFF**

15% OFF



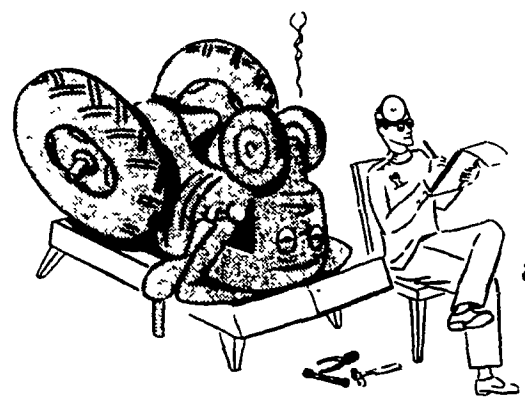
480 DIESEL CASE
Industrial Loader Tractor, 14.9x24 rear tires, forward & reverse shuttle, 3 pt. mod hitch, can be removed for backhoe, 73" bucket, Serial #8667108
$5,780 Less **15% OFF**

GOOD USED GEHL 1200 HARVESTER
In Excellent Condition with Hydraulic Spout Control, Electric Spout Cap and Transmission Control. Cutting Knives Are 50% Life, Hydraulic In Head Sharpener, 1000 RPM PTO, Used Approx. 3 Seasons, Completely Serviced and Field Ready.
Only $7,800
Less Extra 6% OFF
Plus This: Pay Only ½ Now
Balance April 1, 1983 Interest Free

40% OFF 8 HP RIDING MOWER
Built To Last - Designed To Perform
When you buy the Case Model 80 riding mower you leave trouble behind. The full floating 30" mower deck will provide a well-groomed lawn. Available with optional bagger attachment and front-mounted thatcher. The Model 80 is built of steel for durability and many years of outstanding performance.
Serial #14000679 — One Only
Demonstrator **$1,475**
Less 40% OFF

USED CASE 1030 COMFORT KING DIESEL
tractor, Serial #8299043, 540 PTO, 18.4x34 tires (worn), wide front, hydraulic remotes.
$5900 as is, where is
CASH DISCOUNT DEDUCT 33% OFF

Your Tractor Not Feeling Well? See the Doctor!



We want to solve your problems to your satisfaction, call us. Check and compare our shop rates.

- ★ See us for skid-loader repairs.
- ★ We rebuild loader buckets and also have heavy duty cutting edges for any make bucket
- ★ We repair starters, generators and alternators in our shop

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Factory Trained

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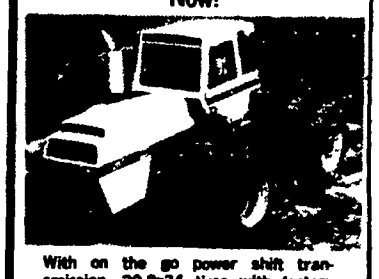
NOTICE: ON THE FOLLOWING USED TRACTORS
8.8% Financing or Interest Free til 6/1/83

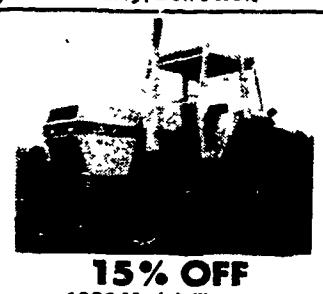
~~10%~~ 15% OFF

LOOK! There are 300 Horses Coming Your Way If You Buy This Like New Case 2870 4 Wheel Drive Tractor Now!



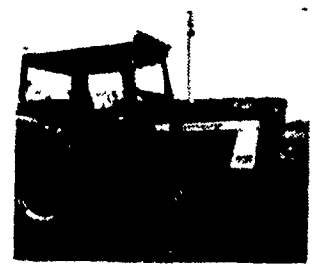
With on the go power shift transmission, 20.8x34 tires with factory 20.8x34 duals, 4 hydraulic remotes. PLUS 4-WAY SELECTIVE STEERING
☆ Approx. 600 Hrs. Ready For Hard Work

LIKE NEW For Only
$48,500
Less ~~10%~~ 15%
Hurry, Don't Wait



15% OFF
1980 Model, like new
CASE 2290
Rated 129 HP, standard shift, approx. 59 hrs., 20.8x38 rear tires, 4 Post Rops, Serial #8845411.
$22,500
Less Big Discount
Of 15% OFF
Makes A Real Bargain
Optional Enclosure Kit Available At Only $624.00

~~7%~~ ~~20%~~ 25% OFF



IH 1466
Cab, air, heater, 18.4x38, good TA, dual hydraulic remotes, 3276 hrs., dyno check at 158 + h.p.
Serial #26501284025369
$14,900
Less ~~7%~~ ~~20%~~ 25% OFF

~~23%~~ 30% OFF

CASE 2470
4 Wheel Drive with all the Goodies: Hillside crab steering, PTO, 3 pt. hitch, remote hydraulics, cab, air, heater.
23.1x30 tires in ex. cond., 2904 hrs. Serial #8712282
$25,900...Remember
Deduct ~~23%~~ 30%
A Steal!

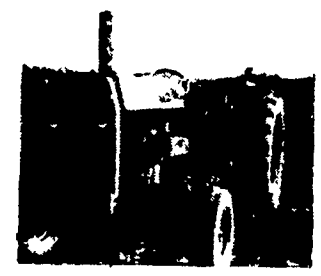
~~25%~~ 30% OFF

Case David Brown 1200 series
65 HP Rated Diesel engine, 1967 Model, 18.4x30 rear tires on power adjust rims, approx. 3431 hrs., still going strong. New clutch 2 yrs. ago, good battery, 3 pt. hitch, PTO 540-1000. Serial #702764
$6,350
Less ~~25%~~ 30% OFF

10% OFF

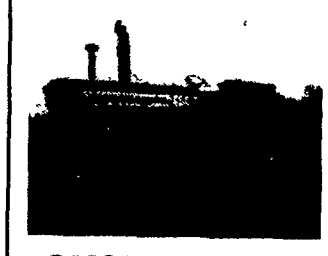
MF 180 Diesel Tractor
Good multi-power, 15.5x38 tires, 6 front weights, 540 PTO, approx. 3766 hrs., Serial #3766. This is a good solid tractor.
$5,350
Less 10% OFF

20% OFF



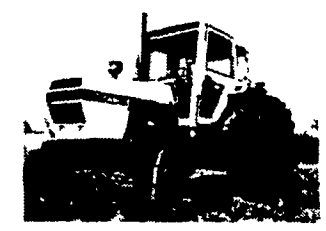
MF Model 275 Diesel
tractor, 38" rear wheel, approx. 1240 hrs., 3 front weights, in excellent condition.
Serial #9A214568
$10,500 Less 20%

15% OFF



G900 MINNEAPOLIS-MOLINE DIESEL
540 & 1000 RPM PTO 4 speed with hi-lo trans., hydraulic Hi-Lo shift, 3 pt. hitch, 18.4x38 rear tires, engine rebuilt 500 hrs. ago.
$6,500 Less 15%

9% OFF



Beautiful **1690 Case Diesel** 95 HP, cab, air, cond., heater, 12 speed power shift trans., 18.4x38 tires, dual remotes, 6 cyl. engine, only 40 hrs. 540 & 1000 RPM PTO Shaft, 22 Mo. Warranty Still Remaining.
A Real Buy At **$21,800**
Less 9% OFF

~~14%~~ 20% OFF

1980 Like New Case 4490 4 Wheel Drive Diesel Tractor with only about 565 hrs., 20.8x34 radial tires, 3 pt. hitch, PTO, 4 remotes
$44,800
Less ~~14%~~ 20% OFF

CASE

CASE 830 GAS
Wide front power steering, Case-O-Matic, 3 pt. hitch Eagle type, 540 PTO, 1963 model.
$2,250
Less ~~16%~~ 25% OFF

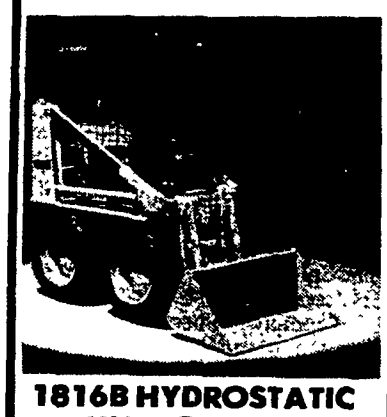
12% OFF WHITE 4-150

4 wheel drive, w/cab, air, heater, Cat 3208 Diesel engine, 1000 RPM PTO 6 speed, w/over-under shift, 3 pt. hitch, 3 remote outlets.
Serial #246229403
Nice Clean Condition
Only
$21,600
Less
12% OFF

FIXED RATE FINANCING AVAILABLE AT 15% ON ALL EQUIPMENT LISTED BELOW

case

1816B HYDROSTATIC UNI-LOADERS



1816B HYDROSTATIC UNI-LOADERS
Serial #9829862
$3850 Less 15%
MODEL 1816B
Serial #9845918
$4250 Less 20%

10% OFF
USED GEHL MODEL 4500 HYDROSTATIC SKID LOADER
With Ford 4 cylinder gas engine, self leveling loader, 10:00x16.5 tires, 40 H.P., 65" wide bucket, T bar control.
More For Your Money Than Ever Before!
(1) Serial #1976
ONLY $8,800
(1) Serial #001461
ONLY $8,600
Deduct
10% OFF These Prices!

Just Arrived
JD 4020 SIDE CONSOLE
Synchro-Shift, Sharp
$9750

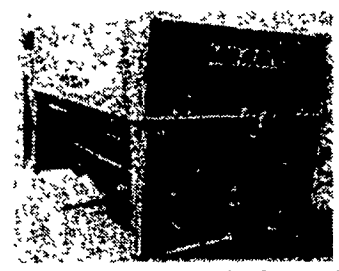
25% OFF Owattona 330 Skid Loader
24 HP Hydrostatic Drive with Bucket
$4,900 Less 25%

25% OFF

SEARS RIDING LAWN MOWER
10 HP engine, 36" mower deck, approx. 1 yr. old
$695
Less 25%

SAVE ~~15%~~ 20% OFF Price Below

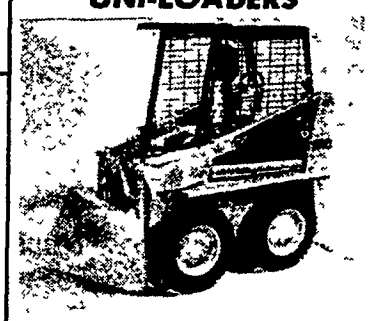
MAKE EVERY BITE COUNT With A KNIGHT MINI-AUGGIE STATIONARY MIXER



Electronic scales, 82 bushel capacity, 3 H.P. electric motor with drive is standard equipment. In Stock
OUR SALE PRICE **$6,890**

USED TAG-ALONG TRAILER
to haul skid loaders, Beck Model #2
Priced ~~$1380~~ **$980**

CASE 1830 HYDROSTATIC UNI-LOADERS



Serial #9849328, 520 Hrs.
$9380 Less 5%
Serial #9845150, 541 Hrs.
$9280 Less 5%

~~20%~~ 25% OFF

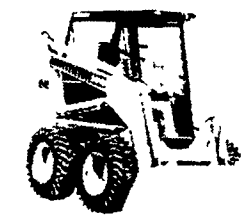
OWATTONA 1200A
Completely rebuilt, 30 HP Wisconsin engine, bucket & manure fork. NICE. **$5860**
Less ~~20%~~ 25% OFF

USED IH OFFSET DISC HARROW
7' wide, approx. 20" blades, transport, less cylinders & hoses
$465.00

10% OFF

USED GEHL MODEL 4500 HYDROSTATIC SKID LOADER
With Ford 4 cylinder gas engine, self leveling loader, 10:00x16.5 tires, 40 H.P., 65" wide bucket, T bar control.
More For Your Money Than Ever Before!
(1) Serial #1976
ONLY $8,800
(1) Serial #001461
ONLY $8600
Deduct
10% OFF These Prices!

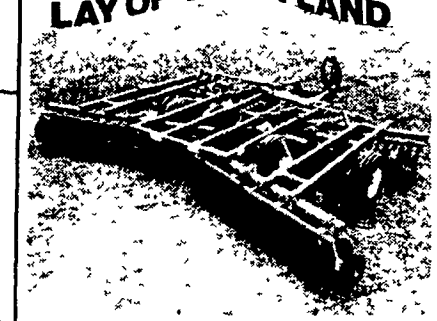
20% OFF



USED CASE 1845 DIESEL UNI-LOADER
Hydrostatic drive, 45 HP, water cooled 4 cylinder Case engine, self leveling loader, ROPS, parking brake and tool tach - standard, 12:00x16.5 flotation tires, 73" wide material bucket,
Serial #9829885
$12,850 Less 20% OFF

1845 GAS UNILOADER AT 12% OFF
12:00x16.5 flotation lug tires, 73" buckets.
Serial #9831285
$8,750

ADJUST TILLAGE TO THE LAY OF YOUR LAND



~~10%~~ 17% OFF AMCO-BILT NEW CASE ROCK FLEX WING

Tandem Disc Harrows
In Stock: Cut & Finish, Rock Flex Spring Bearing Hangers, 24" Dia. Blades, ¼" Thick Double Offset Tandem, 21 Ft. Working Width, Setup w/Hoses.
Read To Go
Reg. Book Price..... **$11,931**
LESS AN ADDITIONAL
~~10%~~ 17% OFF

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133 Rothsville Station Road, Lititz, PA 17543
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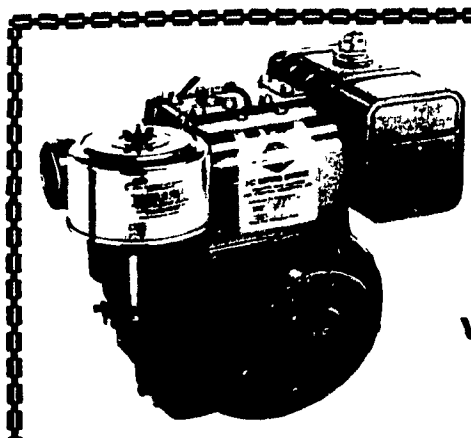
FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

H. SCHWARTZ & SONS, INC.

NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!

NEW, USED and RECONDITIONED PIPE
STANDARD - EXTRA & DOUBLE EXTRA HEAVY - ALL SCHEDULES - ALL TYPES FABRICATION - THREADING CUTTING — WELDING

121 SO. MARKET ST. - WILMINGTON 19801
302-656-0276 or 215-DE1-4240



ENGINE AND CHAIN SAW SALES AND SERVICE

V-BELTS and CENTRAL PETROLEUM OIL IN STOCK

JONAS S. ZOOK PROP.

Located between Witmer & Bard's Crossing
Along Hartman Station Rd.

USED EQUIPMENT

This Week's Special...
JD 8430 4 WD TRACTOR
1978, 1140 Hours, Dual 18.4x34's, PTO, 3 PT., 3 Remotes, Diff. Lock
PRICED BELOW BOOK!

Tractors
Farmall M
Case Model 450 crawler
IH F1066D
IH F140
IH F400D
IH F544
IH F806D
IH F1256
MF 255
JD 8430 4WD
Ford 900
Oliver 550 w/Loader
IH 300 Utility

Plows
IH 211 2F 16"
IH 311 3F 16"
IH 312 Plow
IH 411 4F
IH 560 Plow
IH 700 6F Auto. Reset
IH 412
3F Trailing Plow
MF 5F 14" Mounted
JD 3 pt. 3F Plow
Ford 5F 18"
Oliver 2F Trailing

Tillage
IH 475 D.H., 17'6"
IH 122 Mtd. Disc Harrow
Lely Power Harrow
JD KBA Disc

Planters & Drills
IH 449 Planter
IH 500 Planter, 6 Row
Pittsburgh 4-Row 3-pt. Cultivator
IH 400 Cyclo, 6 row, N
IH 400 Cyclo 4 Row
JD 494 Planter
JD 15x7 Drill
JD FB 177B Drill, 17x7
MF 468 4-R Planter
MF 4 Row Cult.
Ontario 13x7 Drill

Skid Loaders
Bobcat 743
Case 1530
IH 3200
Gehl 2600

Combines & Cornheads
NI 725 Cornhead
IH 91
IH 127
IH 715 Combine
IH 227 Corn Head
IH 429 Corn Head
IH 744 Corn Head
MF 35 Combine

Pickers
Oliver 5 Picker
IH 234 Mtd.

Hay Machines
IH 27V Mower
IH Cub 222 Mower
JD 14T Baler
AC 303 Baler
NH 282 Baler
NH 3 pt. Mower
NI Mower
NI 290 Mower Conditioner
NI 402 Rake
MF Rake

Forage Equipment
IH 550 For. Harv.
IH 650 Forage Harvester
IH 56 Blower
JD 6 Harvester
JD 34 Harvester w/2 Heads
JD 16A Flail Chopper
IH Hay Pickup 550/650
IH Direct Cut 350
AC 780 Harvester
Fox 546 Harvester
NH Flail Chopper
NH 717
IH 42 Blower
NH 23 Blower
NH 25 Blower

Lawn & Garden
Power King 2418 Tractor
Power King 42" Snow Blade
IH Cadet 60 Riding Mower
IH 122 Cadet w/mower
Snow Blowers
Gravely Sickle Mower
Bolens G10 w/Mower
JD 110 w/Mower and Snow Thrower
Sears 10 HP w/Mower
Snapper Comet riding mower
Trac Vac 580 Lawn Vac

Miscellaneous
Sauder 7 ft. Snow Blade
IH 1850 Loader
IH 2000 Loader
IH 2450 Loader
IH 175 Spreader
IH 540 Spreader
NI 214 Spreader
Waldron Dozer Blade w/IH or JD Mountings
NH 346 Tank Spreader
Winco 1500 Generator
Danuser 8 Ft. Blade 3 pt.
Akey M50 Mini Spreader
NI 12A Spreader
Buck Saw

SERVICE SPECIAL
BIG 10% DISCOUNT ON ALL PARTS INSTALLED IN OUR SHOP, ON JOBS SCHEDULED IN JANUARY!

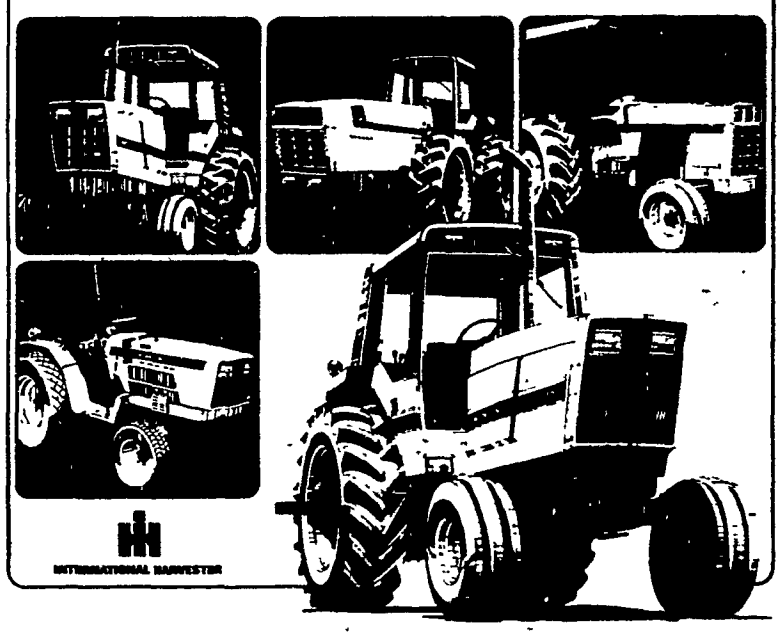
1981 PRICE. 1983 PERFORMANCE.

Get 1983 performance at low 1981 prices. Now, until April 30, 1983, you can select any new International® tractor from our complete line of 15 2 to 170 PTO hp models and lock in on proven 1983 performance at low 1981 prices

We're working to help you get the power and performance you'll need next spring by offering you the lowest price possible as long as possible Take advantage of our low prices now. Buy a new International 60, 50, 30, 84 or 200 Series tractor before April 30, 1983

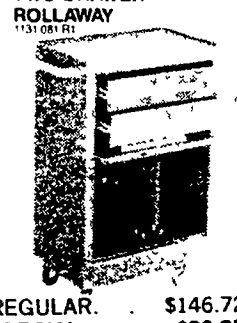
Ask us for details on these special offers and for information on other ways to save when you buy International.

A REAL FEEL FOR THE WORK YOU DO.



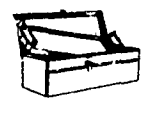
For those who missed our Open House or didn't have the funds at the time, we will be offering excellent discounts (again through volume purchases) at our February Super Sale. Make a note - it's February 22 - 24.

TWO-DRAWER ROLLAWAY
1131 081 R1



REGULAR. . $146.72
SPECIAL..... $99.95
SAVINGS $46.77

12-piece family tool set
A set of the most-needed household tools
Special Price **$19.95**



19" Toolbox
Heavy gauge, all steel construction Lift out tote tray
Special Price **$9.99**

24" 2-Speed CIRCULATING FAN
Reg. $157.65
SALE
$141.90

We are now awarding coupons (to be redeemed here on future purchases) equal to ten percent (10%) of all service and parts installed by us on equipment we sold to a customer. In addition, we are applying this program to equipment you have previously purchased here. Service and parts for equipment purchased elsewhere will earn no award coupons.

SWOPE & BASHORE, INC.

We're Not Fighting... We're Leading!
Located 1 Mile S. of Int. 78 &
6 Miles N. of Myerstown on Rt. 645 in Frystown
PHONE: 717-933-4138
Area Codes 215 & 717 - Call Toll Free 1-800-692-7467

PARTSMART

FOR SALE
2 - 6000 Gal. Pressure Tanks
300 PSI
717-859-3118

USED TRACTORS
AC 7000 Cab & Air, 200 Cab & Air, 180D, 175, 5040, D19, D17, D15, B
IHC SMTA, Super M both wide front ends, H, 464, 384, 230, 140, Cubs
JD 3020 w/cab, 1520, 420, 60
MF 135 Gas & Diesel, 30 Gas, Ind 165 w/cab & Heavy duty power angle blade, 203 D w/loader
FORD 3600 w/cab, 821 Gas w/loader
AC D17 Gas w/loader, D 17D w/loader, 160 D w/loader
IHC 504 w/loader
KUBOTA 295 DP w/loader

TRACTOR LOADER BACKHOES
Case 580, Gas, JD 300 Diesel

LOG SKIDDERS
JD 440B w/power shift & Turbo, 440 B Gear Drive, 440A Gear Drive, 440A Gear drive w/slight fire damage
Over 150 NEW & USED Tractors to select from

USED MANURE SPREADERS
NI 14A, 17, JD-R wide spread-ground drive, NI 212 flail w/manual gate, 212 Flail w/ Hyd. gate, 211 Flail
NI 243 Single Beater w/hyd. gate, T chain & flotation tires 250 bu. $4250.00
NH 512 w/hyd. gate, 368 Barrel spreader
Badger 800 gal, Van Dale 3000 gal. liquid - truck mount, Hawk Bilt 157 & 207 Barrel spreaders
NEW STARLINE Dairy & Feetlot-Barrel Spreaders, HAWK BILT 2195's Hyd. Slide top spreaders
Over 50 Units to select from - Give us a call on your needs.

GRINDER MIXERS
IHC 1150, Gehl 120 Mix All, MX 100 - Very good cond.
FARMHAND Register blower

NH 358 - like brand new, Hyd. drive
Buy of the Week -$7650.00

MISCELLANEOUS
Several types of Bale Roll-A-bout Feeders, Large Bale movers 3 pt. hitch, 3 pt. hitch Carry Alls, New and Used Hay and Grain Elevators, Case 350 Dozer Diesel
6 way blade and winch, scraping for parts - excellent buy.
Weaverline 330 Electric Silage Cart
NI 323 1 row Corn Picker $3250.00
NI 325 2 row Narrow Picker $4975.00
NH 38 Flail Chopper - like new

NEW & USED SNOW PLOWS
Over 100 Units to select from for Tractors, front end loaders and Pickups

Snow Blowers
3 pt. hitch, 3 pt. blades. Large selection of NEW double ring Tractor Chains

WOOD CUTTERS
New 3 pt. hitch Farmi Winches, Danhuser & Kubota Wood Splitters
Little Giant Splitters - Special $645.00
3 pt. hitch PTO WoodSaws - Special $495.00

THINK SPRING!!!
Used 3 pt. to semi mt. plows 2, 3, 4, 5 btms.
IHC Plow 4 btm 18" Reset, FORD 140 Plow 4 btm 18" reset $2695.00
FORD 3 x spinner plow - hyd., rot. trip beams
AC 2000 Plows, 4 & 5 btm, 16" reset, 3 pt. hitch Chisel plows - v g c
Pittsburgh 8' 3 pt. Disk, Bush Hog 10' plowing Disk
Grain Drills - IHC & Ontario
12' Brillion roller, New & Used 8' & 10' Brillion Cultipacker Seeders
2 Row 3 pt. hitch vegetable Transplanter, 1 row Trailer vegetable transplanter

THIS WEEK'S SPECIALS
VAN DALE Liquid Manure Spreaders - 1500 gal. Tandem Vacuum Tank, 2250 gas Tandem Liquid Tank Spreader - Your Choice $6250.00
IHC 58 Log Skidder - Good economy Skidder $5975.00
New 3 pt. hitch Rear 7' Scraper blades $245.00
New 3 pt. hitch 7 1/2' Disks $645.00

MARSHALL MACHINERY INC.
Sales and Service
AC, NI, HESSTON, KUBOTA
Located in Northeastern, Pa.
5 Miles East of Honesdale, Pa.
on Rte. 652
Phone 717-729-7117

VISIT C.B. HOOBER & SON INC. at the PA FARM SHOW

CHARLIE HOOBER SAYS, "My salesmen and I will be at the Steiger and IH displays everyday. Stop to see us. We appreciate the business you've done with us in the past and we look forward to serving your equipment, parts and repair needs in 1983."

CHARLIE HOOBER

LOOK FOR C.B. HOOBER & SON INC. SALES PEOPLE AT THESE FARM SHOW LOCATIONS:

STEIGER DISPLAY:
Space #11

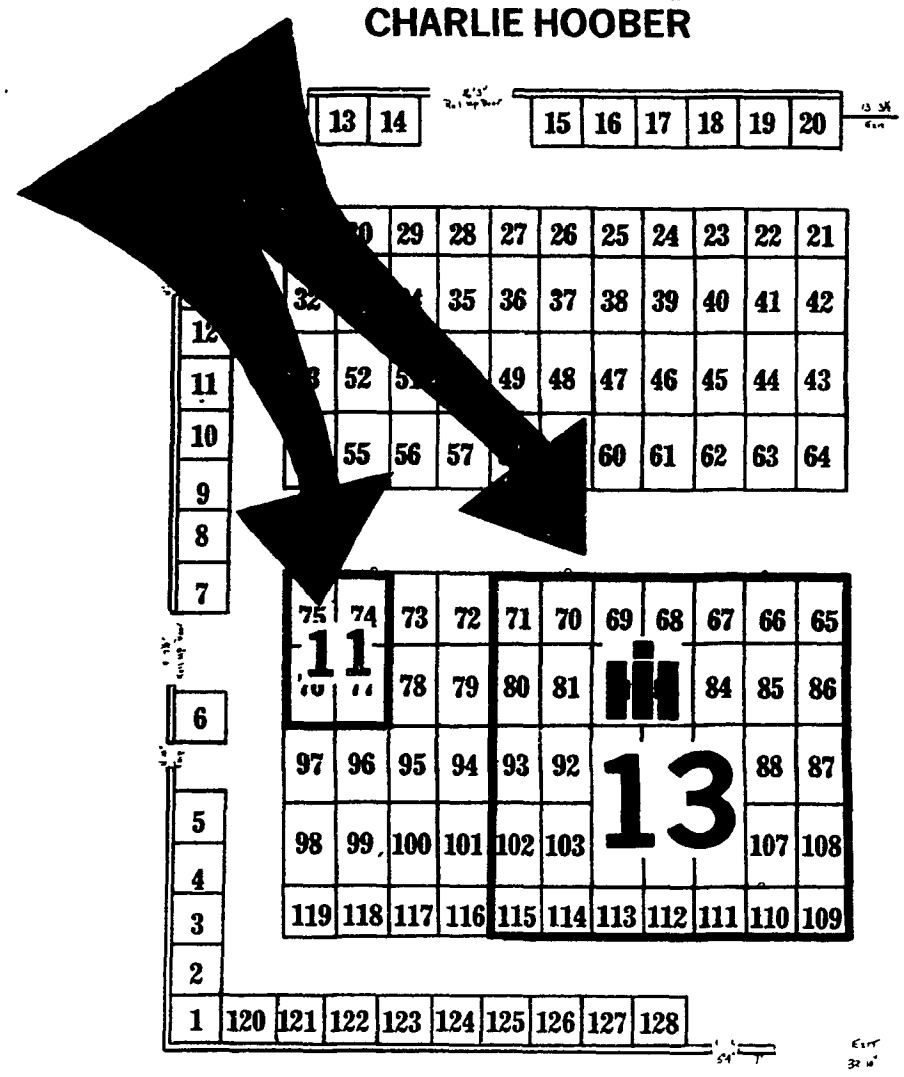
IH DISPLAY:
Space #13

PAUL BOYER

KEN NEFF

RAY SHISSLER

DON BEIDLER



IF YOU NEED ADVICE ABOUT WHAT TRACTOR OR PIECE OF EQUIPMENT WILL DO THE BEST JOB IN YOUR OPERATION ASK ONE OF HOOBER'S PROFESSIONAL SALESMEN FOR HELP. WITH OVER 75 YEARS OF SALES EXPERIENCE BETWEEN THEM, HOOBER'S SALESMEN KNOW HOW TO SOLVE YOUR POWER AND EQUIPMENT PROBLEMS.

VERSATILE · T.M. STEIGER · KRAUSE

WHATEVER YOUR FARM POWER AND EQUIPMENT NEEDS MAY BE, HOOBER HAS QUALITY PRODUCTS TO PRODUCE ON YOUR FARM...

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

Radio Controlled Trucks For Better Service

C.B. HOOBER & SON, INC.

INTERCOURSE, PA (717)768-8231 – AUTHORIZED UPS STATION – MIDDLETOWN, DE (302)378-9555

YEAR-END SALE

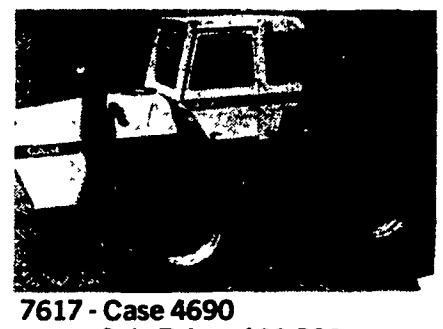
NOW THRU JANUARY 15, 1983

Our Lot Open For Inspection Every Day.

We Will Bill In 1982 Or 1983, Whichever You Need For Taxes

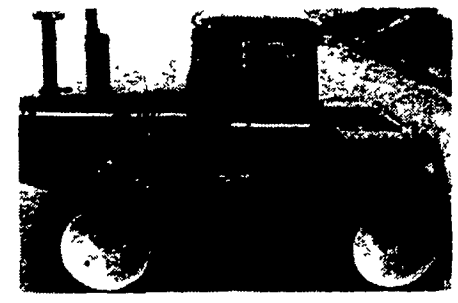
USED TRACTORS

8008 - IH 3588
Sale Price - $26,500

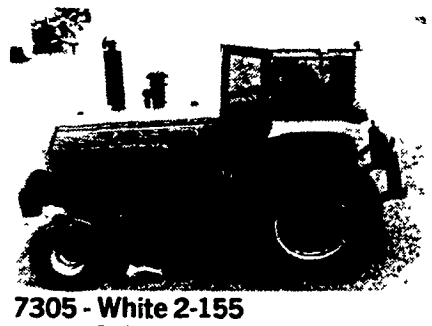


7617 - Case 4690
Sale Price - $39,500

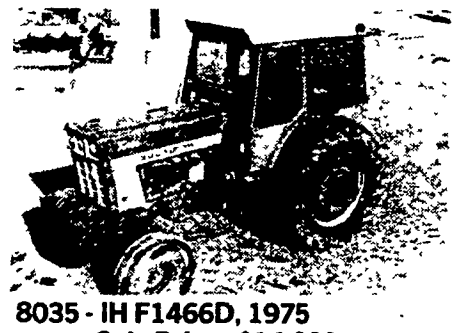
7861 - Massey 1805



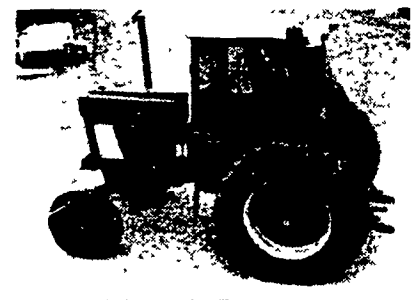
7373 - Deere 8630
Sale Price - $34,500



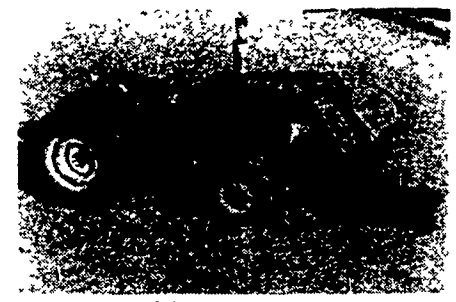
7305 - White 2-155
Sale Price - $19,800



8035 - IH F1466D, 1975
Sale Price - $14,900

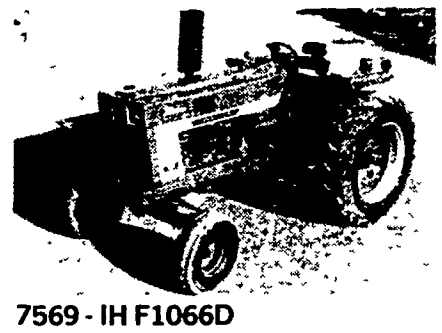


6432 - IH F1586D
Sale Price - $19,750



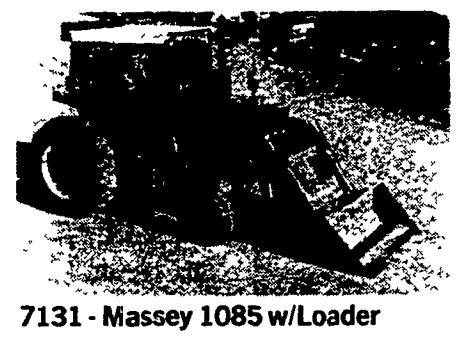
7962 - Ford 3000 w/Loader

7372 - IH F1466D
Sale Price - $14,900

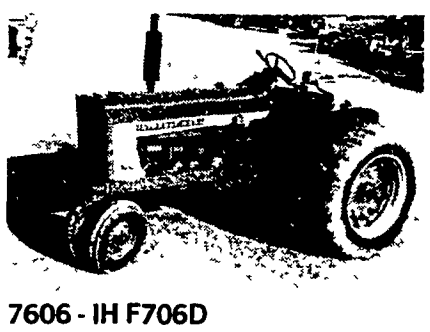


7569 - IH F1066D

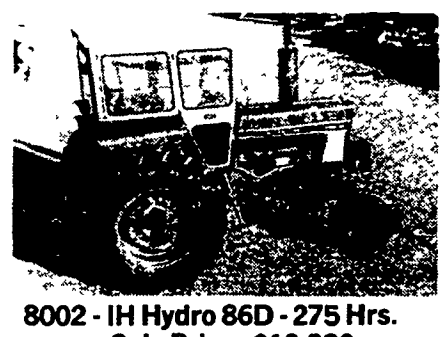
7951 - IH F1086D, 2116 Hrs.



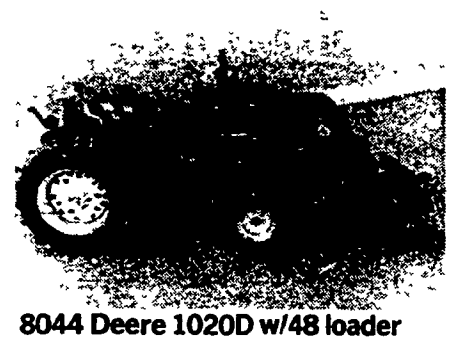
7131 - Massey 1085 w/Loader



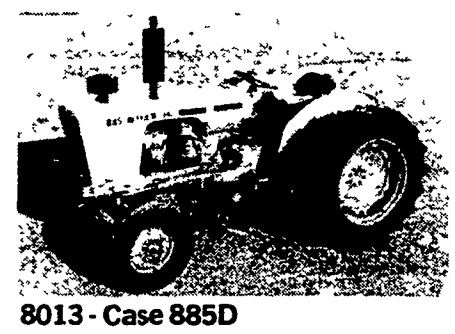
7606 - IH F706D



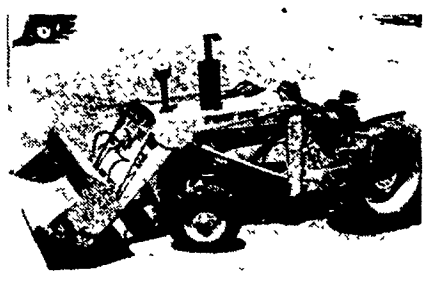
8002 - IH Hydro 86D - 275 Hrs.
Sale Price - $18,000



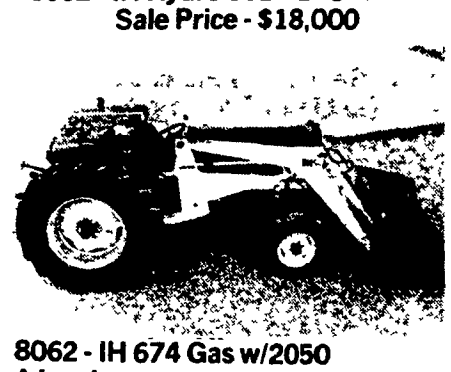
8044 Deere 1020D w/48 loader



8013 - Case 885D

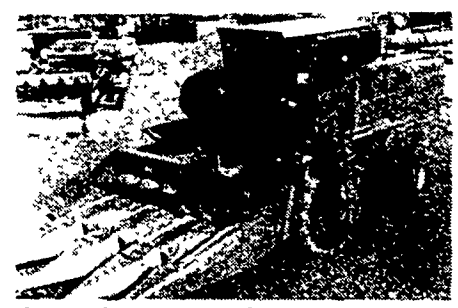


7449 - Ford 335D Loader



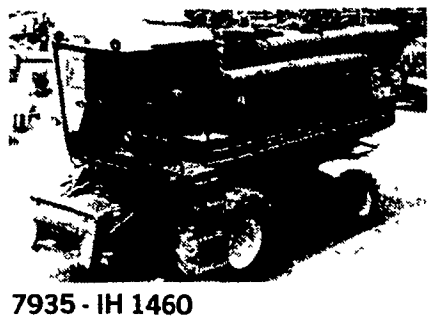
8062 - IH 674 Gas w/2050 A Loader

8041 - IH F826D Hydro

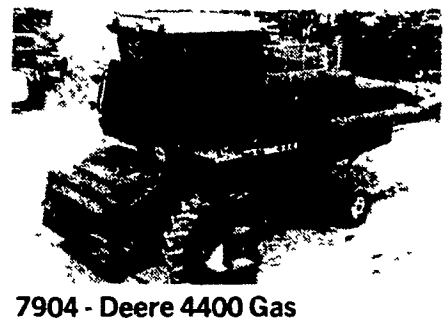


8010 - Massey 510D w/New 1143 Head

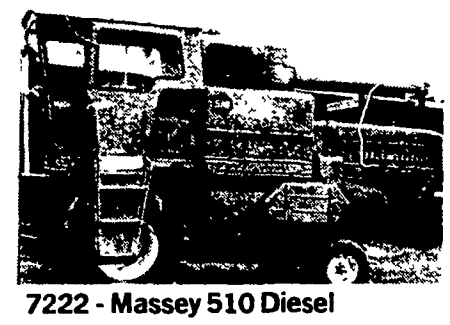
USED COMBINES



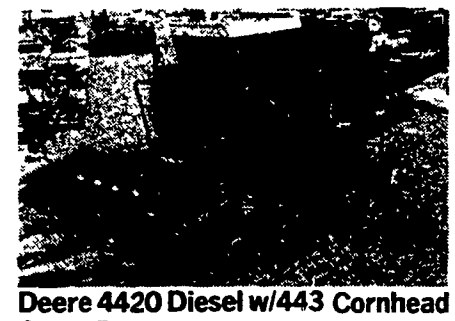
7935 - IH 1460



7904 - Deere 4400 Gas



7222 - Massey 510 Diesel



Deere 4420 Diesel w/443 Cornhead & 213 Platform

ALL NEW & USED PRODUCTS BACKED BY HOOBER PARTS & SERVICE

Radio Controlled Trucks For Better Service

C.B. HOOBER & SON, INC.

INTERCOURSE, PA (717)768-8231 - AUTHORIZED UPS STATION - MIDDLETOWN, DE (302)378-9555

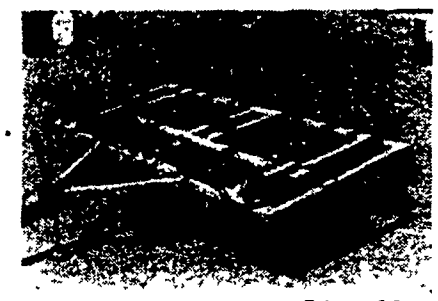
NEW YEAR SALE

All Of Our Used Inventory And Most Of Our New Are Specially Priced For This Sale. Many Priced Below Wholesale.
Stop In And Look Around.

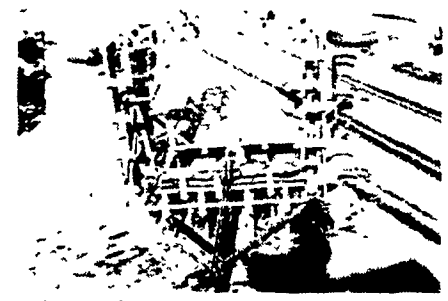
Waiver Of Finance Available On Most New & Used Items

USED TILLAGE

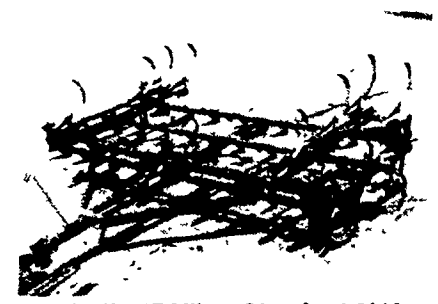
6493 - Glencoe Soil Saver SSP-11
Sale Price - $3,975



7537 - Wilbeck Digger Disc - 11 Shank Sale Price - $5,500

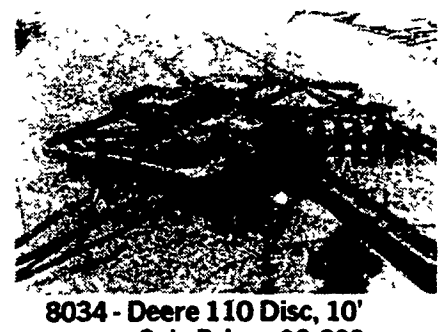


8031 - Wil-Rich 32' Field Cultivator

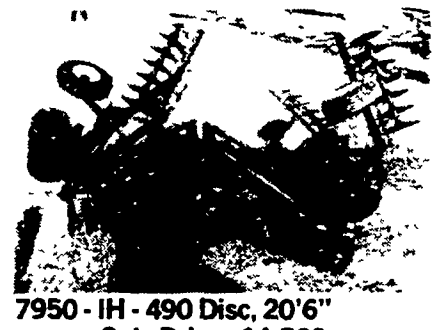


7893 - IH 45 Vibra Shank - 16½'

8003 - Bushog Disc 13'6"
Model 1437 Sale Price - $4,500

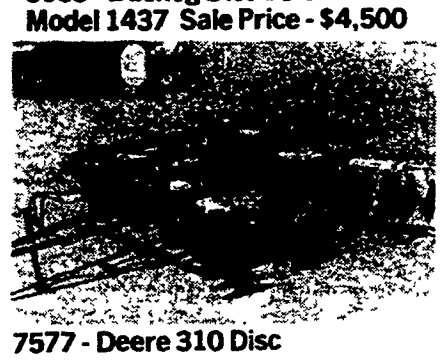


8034 - Deere 110 Disc, 10'
Sale Price - $2,200



7950 - IH - 490 Disc, 20'6"
Sale Price - $4,500

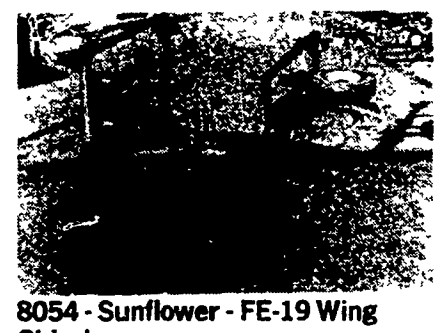
7049 - Krause 2413 Rockflex Disc



7577 - Deere 310 Disc

6332 - Deere 310 Disc
Sale Price - $2,600

7880 - Bush Hog Disc - 25'
Sale Price - $3,450

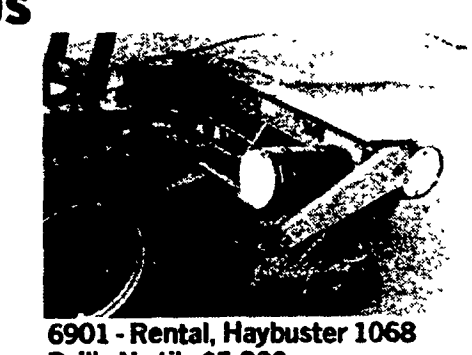


8054 - Sunflower - FE-19 Wing Chisel

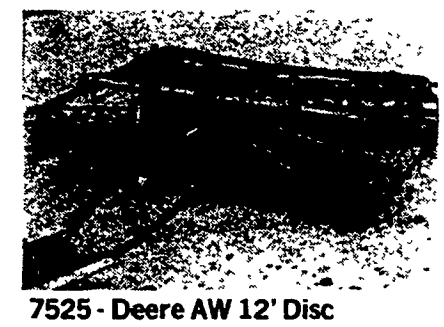
MISCELLANEOUS

7878 - Hesston SM30 Stakmover

7944 - IH - 620, 20x7, Plain Press Drill

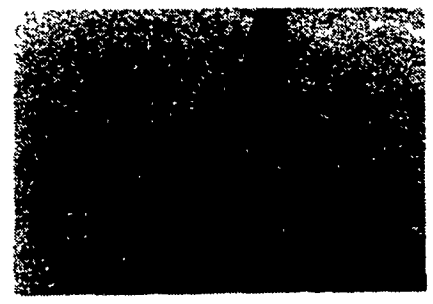


6901 - Rental, Haybuster 1068 Drill - No til - $5,900



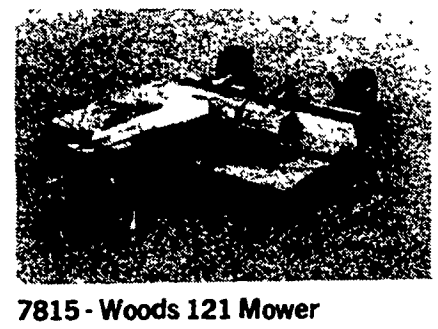
7525 - Deere AW 12' Disc

7321 - Brady 15' Shredder
Sale Price - $3,975

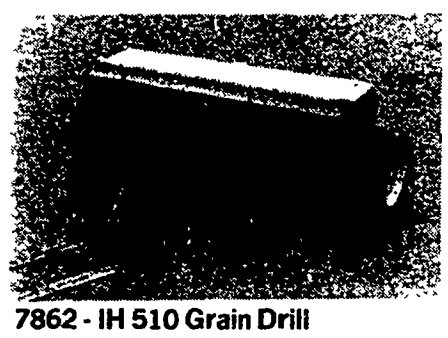


7552 - NH 27 Blower

6987 - IH 430 Baler



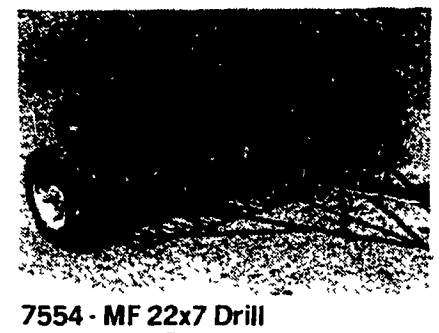
7815 - Woods 121 Mower



7862 - IH 510 Grain Drill

8005 - New Idea Picker Sheller - 2R

8004 - New Idea Picker w/12 Roll Husking Bed



7554 - MF 22x7 Drill
Sale Price - $1,875

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Used Deutz D10006, 105 h.p., $11,000
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Deutz D8006, 85 h p. 2800 hrs
Myers Sprayer, 200 gal. PTO drive $800
AC "66" Combine
AC B-125, 4 cyl power unit
Farmall H, 34 h.p. $995
Used homemade hay tedder $400.

NEW TRACTORS & EQUIPT. IN STOCK

D4507 Deutz tractor, 45 h.p.
D6207 Deutz tractor, 62 h.p.
D6807 Deutz Tractor, 68 h.p.
D7807 Deutz tractor, 74 h.p.
DX 130 Deutz tractor w/cab & air, 121 h.p.
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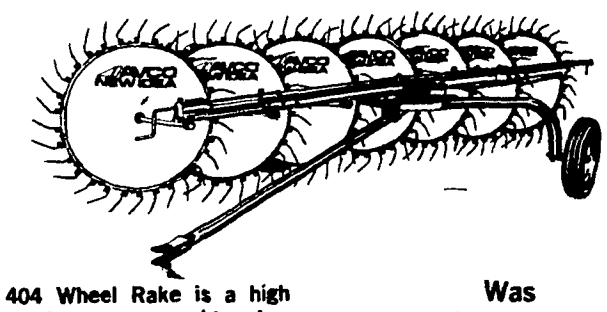
PHONE 717-354-4181

Winter Specials...

NEW IDEA MODEL 404 SPEED WHEEL RAKE



The 404 Wheel Rake is a high quality rake at a reasonable price. Rakes fast and clean in any field... smooth, uneven, contoured or hilly. Plus, it costs less to buy and less to maintain.

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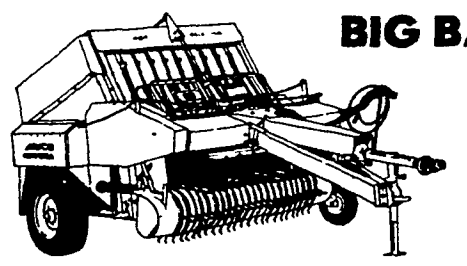

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NH #488 Haybine
NH #230 and #234 Wagons
NH #456 Mower, 1 only
NH #28 Blower
NH #519 Spreader 11:20 Tires
NH #791 Spreader, 11:20 Tires.
NH #303 Liquid Tank Spreader (Demo).
NH #367 Tank Spreader, Used 1 Year
NH #315 Baler PTO
NH #315 Baler w/70 Thrower
NH #310 Engine Baler, Steel Wheels Hitch & Chute

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Hutchmaster Disc 22x¼" blades D.O.T. Flex Gang 5600 lbs. $6200
Dunham 3 Bar 8 Tooth Chisel Plow $1695
Hub Tool Elevator 36 ft. $1995
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• SPECIAL DEALS ON THE ABOVE PLUS FREE FINANCE ON NEW & USED NEW HOLLAND HAY AND FORAGE EQUIPMENT TILL JUNE 1, 1983
SPREADERS AND GRINDER-MIXERS TILL APRIL, 1983

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Leasing Available

USED EQUIPMENT

NH 707 Harvester w/1R CH, good cond.
NH 770 Harvester, good cond., 1000 RPM
IH 555 Harvester, 2 Row Head & Pickup Head
Bush Hog 12' Offset Disc, 26" blades, excellent condition
7' 3 pt. hitch York Scraper Blade w/100 h.p. rating
NH 325 Loader 54" bucket, like new
NH 495 Haybine 12', Good Cond.
NH 479 Haybine, Ex. Cond.
NH 354 Grinder Mixer Ex. Cond.
NH 350 Grinder Mixer
NH 272 Baler w/Engine
NH 273 Baler w/engine
NH 310 Baler w/engine
NH 455 Mower
NH 56 Rake, Ex. Cond.
NH 770 R2 Corn Head
NH 717 N2 Corn Head
NH 717 Pickup Head

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1979 JD 4400 Diesel, cab and air, 700 hrs., like new
1975 JD 3300 Dsl., Cab, Air, Very Good, Choice of Platforms
JD 45 Square Back w/Cab & Grain Platform & 2 Row C.H.
1973 JD 4400 Dsl. Cab & Air Choice of Heads
MF 510 Dsl. w/cab, Very Good, Choice of Heads
MF 35 w/8 ft. platform, Sharp.
IH 82 Pull Type w/ PU Reel
Ford 620 w/Grain Platform, Pickup Reel, Used Very Little

GOOD SELECTION OF GRAIN PLATFORMS AND CORN HEADS TO FIT MOST COMBINES

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JD 4440 Dsl. Cab, Air, Quad (new)
1975 JD 4430 Dsl. Cab & Air, Very Nice
JD 4320 Roll Guard
JD 4620 Dsl. w/cab 2SOLD hrs.
JD 4020 D WF & Power Shift
JD 4020 Side Console
JD 4010 Dsl., Very Good
JD 3020 Dsl. WF Side Console, Very Good
JD 3020 WF, Very Nice
JD 2940 900 hrs. Like New
JD 2640 Dsl. Fully Equipped
JD 2520 Dsl. WFE
JD 530 WF
JD 720 Dsl. WF Exc. SOLD
IH 1456 Dsl. WF
IH 1206 Dsl. w/Cab
IH 1066 Dsl. Very Good
IH 1066 Dsl. Blackstripe Cab & Air, 1800 Hrs. SOLD Very Nice
IH 856 Dsl. WFE w/Cab
IH 806 Dsl. WF
IH 766 WF, Black Stripe, 1800 hrs.
IH 656 Dsl. Hydro
White 2-105 w/Cab & Air
White 4-150, 4 Whl. Drive, Cab & Air, 3 Pt. 1650 Hrs.
Ford 8600 Dsl. WF 20x38 Rubber
Ford 5000 Dsl. 8 Speed w/all Weather Cab
Ford 5000 Dsl. w/Loader
Case 1070 SOLD Cab and Air 930 Hrs.
Case 730 Gas WF
AC 180D, WFE
AC 200 Dsl. WF & Cab
AC 220 Dsl. WF & Cab
AC 7000 Diesel w/Cab & Air

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JD 1450 5x16, 4x18, 5x18
JD F145 4 & 5x16
IH 550 5x16 & 5x16 Slat Btm., Like New
IH 510 4x16
IH 720 Toggle 5x20, Like New
IH 710 6x16 on Land Hitch

PLOWS -AUTOMATIC

IH 710 & 720 5x16 SP Reset
IH 710 6x16 SP Reset
IH 710 & 720 5x18 SP Reset
Oliver 6x16
JD 2500 6x18 SP Reset
JD 2500 5x18 on Land Hitch
IH 710 7x18 on Land Hitch SP Reset
IH 700 6x16 SP Reset
IH 6 Base 735 Variable Width SP Reset

CORN HEADS

MF 24, 33, 44
AC F430
AC KF330, A330
JD 453 & 454 Row Crop Hds.
JD 243, 244, 343, 443, 444, 643
IHC 843

CORN PLANTERS

JD 7000 Consv. 6R dry fert., auger fill, insect., pop. mon.
JD 7000 min-till 6 R dry Fert., insect., monitor
JD 1240 4R plate and plateless, insect, runner and disc opener w/dry or liquid fert.
JD 1250 6R plateless, insect. w/wo fert.
IH 56 4R dry fert., insect., excellent
JD 7000 consv. 4R, dry fert., monitor, insect.
JD 7000 4R wide & narrow, dry and liquid fert., insect., and monitor.
IH 400 4R hyd. drive, dry fert., insect.
JD 246 2R w/insect.

DISCS

AC 16' Wing Fold
JD 11'2" & 14' AW Disc
JD BWA 12'6"
Sunflower 13' Hyd. center fold, very good
JD 11' RWA Transport
JD BWF 16' to 19' wing Rock-Flex
JD BWF 12'6" Rock Flex
IH 350 12'

HEAVY DUTY DISCS

IHC 760 12' Offset, excellent
JD 1630 12' very good cond.
JD 4000 Double Offset 12' 8"
Bush Hog 1437 Plowing Disc 11' 4"

BALERS

JD 346 Twine w/Thrower
NH 278 w/Thrower, Like New
NH 268 w/TSOLD r
IH 2400 Round Baler, Like New
JD 336 Twine, SOLD New
JD 336 Wire

GRINDER-MIXER

Gehl 115
NH 352, Very Nice

MISCELLANEOUS EQUIPMENT

JD B Grain Drill, 20 Openers w/Grass Seed, Very Good
JD 1207 Mower Conditioner, like SOLD
IHC 12' Pull Type Chisel Plow
Brillion Alfalfa Seeder, 8'
IH Field Cultivator 12'
NH 488 Haybine, like new
NH 479 Haybines
JD 146 Loader, Indep. Control Valves
JD 894 Rake, Rubber Mtd. SOLD
IH 18.38 & 20.38 Rr. Axle Duals
Neimeyer Hay Tedder 16' Like New
Grim Super 16 Hay Tedd SOLD
Neimeyer Power Harrow
JD 12' Roller Harrow
IH #50 Stalk Shredder
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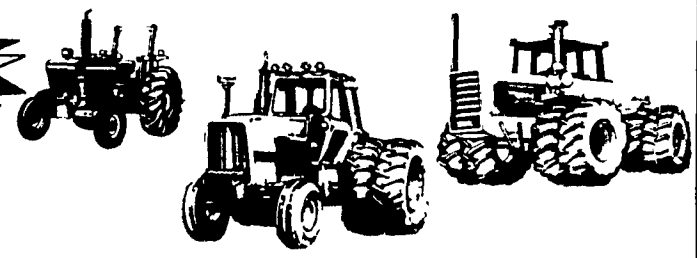
On eligible used farm tractors of any make



8.8% A.P.R. financing for up to 42 months . . . or waiver-of-finance-charges until June 1, 1983.

If you buy one of our eligible used farm tractors, any make, between December 1 and December 31, 1982, you can choose 8.8% A.P.R. financing for up to 42 months or an optional waiver-of-finance-charges from date of purchase until June 1, 1983. Purchase must be financed through J.I. Case Credit Corporation.

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USED EQUIPMENT

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'79 Case 1210 p.s.
AC 7080 Cab-Air-Heat
Case 1070 18.4x38 (New) Power Shift
Case 1370 Cab-Air-Heat 24.5x32 Radio
Case 1090 18.4x38 (New) Power Shift
Case 1170 Cab-Heat-8 5 Spd. 20.8x38 (New)
Case 900 w/Pulley

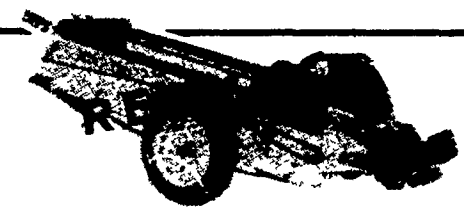
LOADERS
1530 Uni Loader
Uni Loader Broom
Mustang 330
1845 G
Case 580 Backhoe

NEW IDEA
206 Spreaders
325/314 Picker Sheller
323 Pickers
214 Spreader
224 Spreader
325/327 Corn Picker

MISCELLANEOUS
Ford 101 Plow
NH Lime Drill
Case 12' Disc Harrow
NH 371 Flail Spreader
Case Auger Elevator
MF 880 6, 7Btm, plow
Wetmore 878 Grinder Mixer
Case 555 Mower Conditioner
Bush Hog 12' disc
JD 345 4Btm plow
IH 40 Stalk shredder

FORAGE
JD 65 Blower
Stauffer Forage Box
Fox HA Harvester
Gehl 910 Forage Box
JD 3800 Harvester
NH 27 Blower
Hesston Blower
JD 115 Forage Box
Gehl 99 Blower

UNI-SYSTEM
710 Combine
743 N Head
702 G Power Unit
702 D Power Unit
767 Harvester
738 4RN Head



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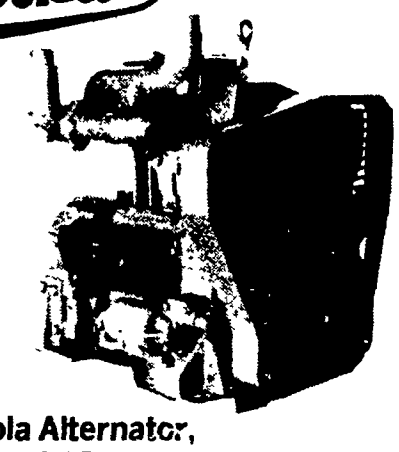

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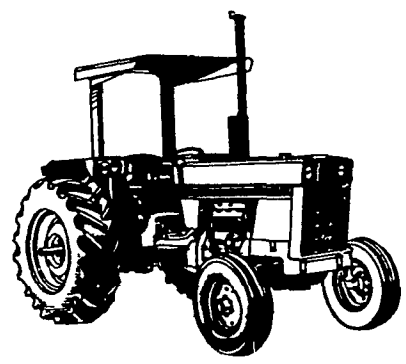

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584 Tractor w/2250 Loader - $13,460
584 Tractor - $11,950
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720 5F Plow - $6400
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800 4R Cyclo Planters - $6900 ea.
510 Grain Drills - $4150 ea SOLD
425 Baler w/Thrower - $6200
35 Rakes - $1800 ea.
781 Forage Harvester w/2R Head - $9900
881 Forage Harvester w/2R Head - $12,000
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1190 Mow/Conditioner - $4 SOLD
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120 Forage Boxes w/385 Wagons - $5200 ea.
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475 Disk - $4250
1300 Mower - $1 SOLD

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IH 990 Mow/Con. - $1500
IH 234 Corn Picker w/Sheller - $2500
IH Spring Harrow - $ SOLD
IH 540 4F Plow - $ SOLD
IH 531 3F Plow - $ SOLD
Oliver Plow - $ SOLD
IH 370 Disk - $1300
AC CII Combine - $4500
IH 400 Corn Planter - $2000
IH 56 Corn Planter - $1500
IH 455 Corn Planter - $2000
NH S-717 For /Harvester - $ SOLD
Pull-Type Combines - $200-$400 ea.
NH Mower - $ SOLD

USED TRACTORS:
IH 886 - $18, SOLD
IH 1586 - $23,000
IH 806 - $7000
IH 460 - $2500
IH 574D - $6000
Farmall M - $1100
Farmall S-H - SOLD 0
Oliver 1650G - $3 SOLD
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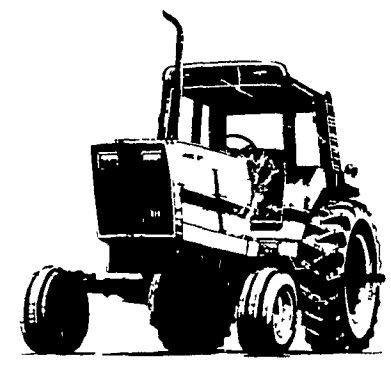
LAWN & GARDEN:
482 Cadet w/Mower - $2000
582 Cadet w/Mower - $2000
1282 Cadet w/Mower - $2900
268 Snow Blower - $500
255 Power Washer - $500
55 Riding Mower - $ SOLD
85 Riding Mower - SOLD
Cub Cadet Trailers - Low as $5 SOLD



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3288 - $23,800
5088 - $32,200
300 G. Walsh Sprayer - SOLD
230 McCurdy Gravity Bo SOLD 30
8-T Electric Wagon w/New 9L5 Tires - $9000

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JANUARY 9 - 14

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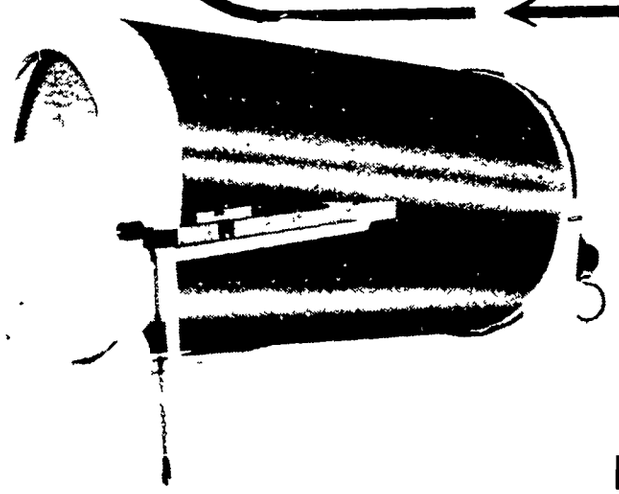

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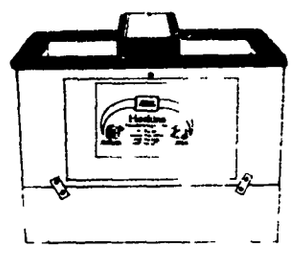

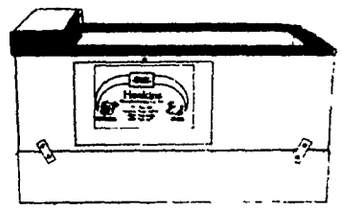

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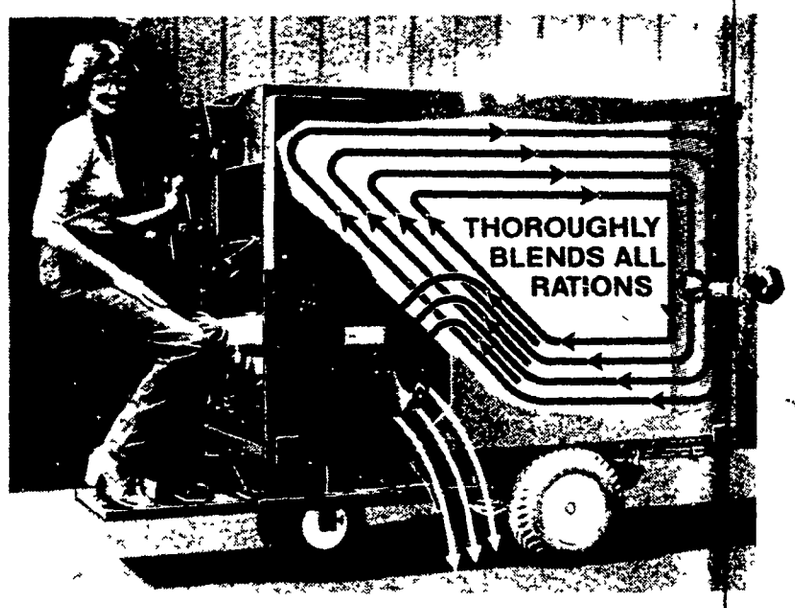

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FEATURES

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- 5 Hp/7 Hp Gas Engines
- Quality Construction
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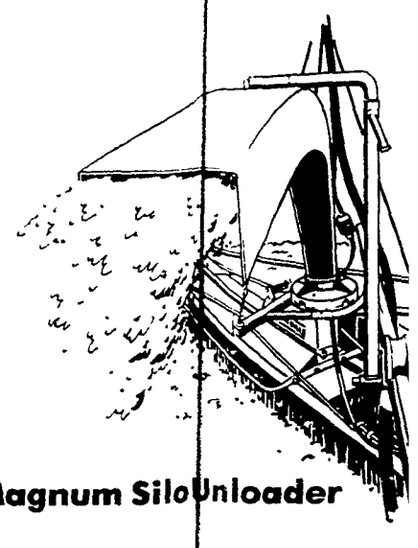

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ATURES

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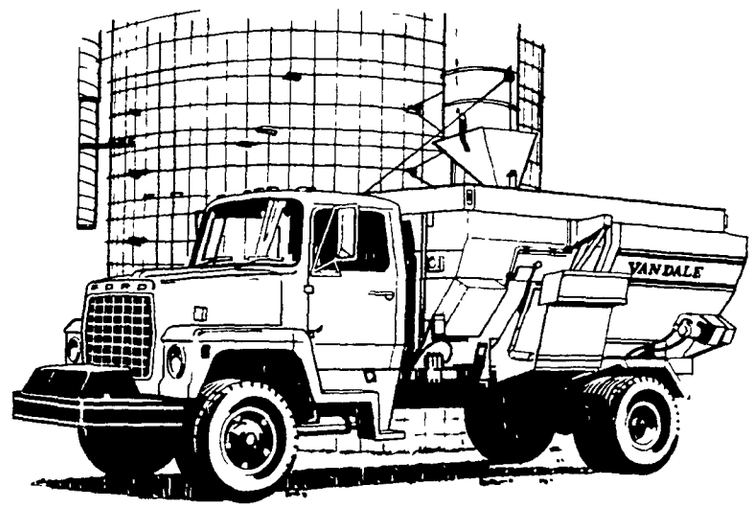
- Battery-Powered Drive

ALSO ON DISPLAY

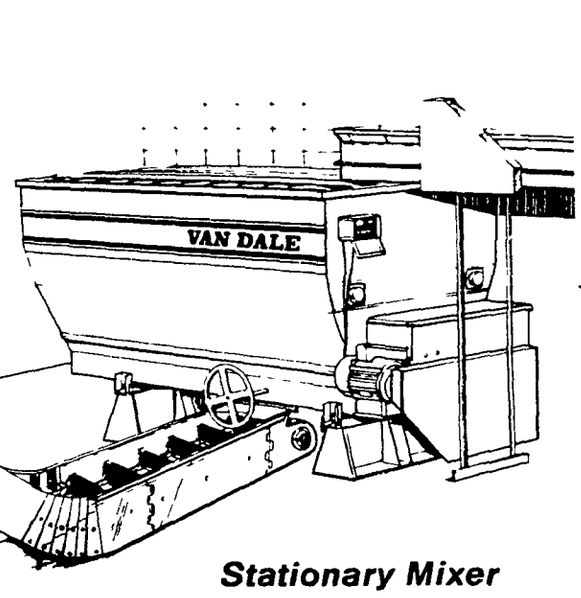
UEBLER FEED MACHINES

- ☐ THE ALL NEW U-BLEND™ GAS POWERED TMR FEED CART MODEL 820 (40 Bu.) DESIGNED FOR STALL BARNS
- ☐ THE ALL NEW 810 GAS POWERED SILAGE CART (31 Bu.)
- ☐ G.M. 15 GRAIN MISER (15 Bu.)
- ☐ 790 ELECTRIC FORAGE CART (25 Bu.)

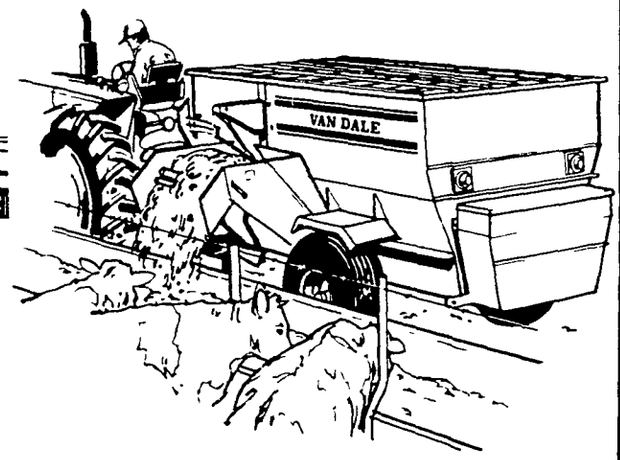
THE MIXER FEEDER LINE



Truck Mounted Mixer/Feeder

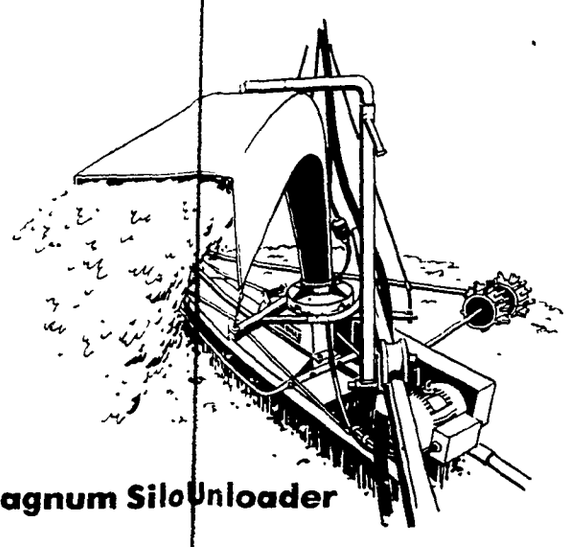


Stationary Mixer

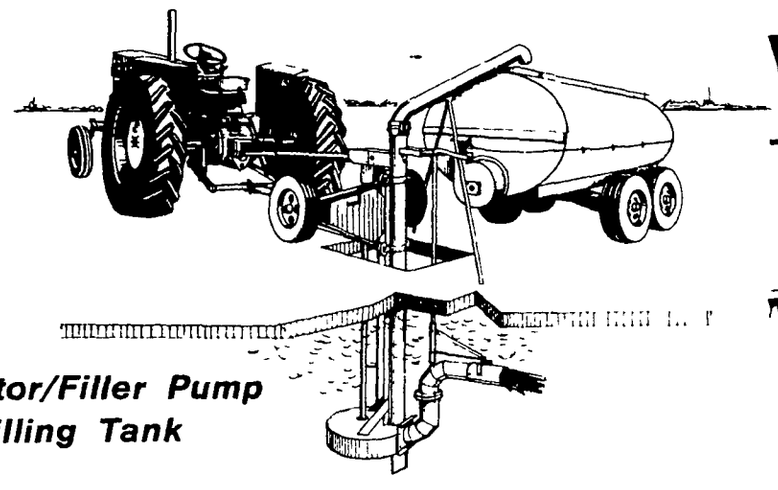


Trailer Mounted Mixer/Feeder

THE FARMSTEAD LINE

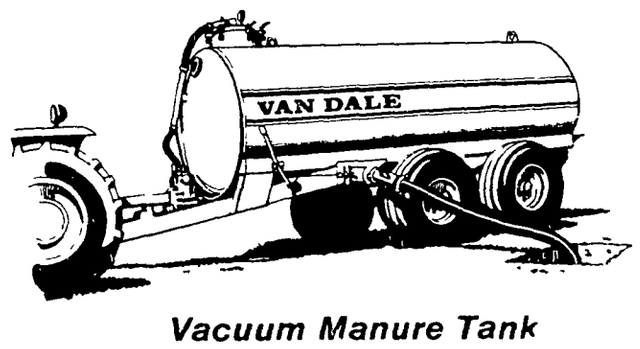


Magnum Silo Unloader



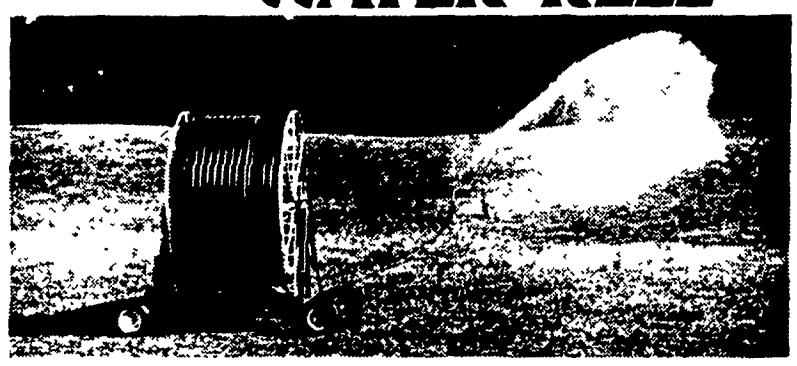
Agitator/Filler Pump Filling Tank

THE WASTE MANAGEMENT LINE



Vacuum Manure Tank

AG-RAIN WATER-REEL



The reel irrigator with so many advantages all rolled under one name.

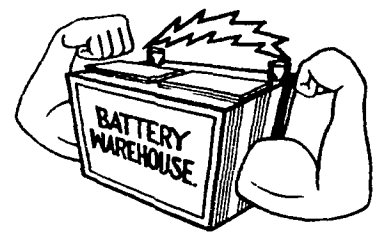
- **Radial Inflow Turbine Drive** - originated and patented by Ag-Rain It's the most efficient turbine drive on the market - it saves energy Unit is totally gear driven - reel has roller cog drive - no inefficient V-belts
- **Speed Compensator** - maintains uniform travel speed - assures uniform watering
- **Tachometer Speed Setting** - convenient, direct read-out of ground speed Set and forget
- **No Wasted Water** - all the water goes through the gun sprinkler - none is dumped on the ground
- **Reel Swivels** - easily on ball bearings - irrigates up to a half mile from one position
- **Dwell Timer** - delays start of travel - results in uniform end of field watering
- **Four Models** to choose from - 4½ inch x 900 feet, 4⅛ inch x 1150 feet, 3¾ inch x 1250 feet, or 3 inch x 880 feet

EECO, Inc.

4021 N. 6th St. Harrisburg, PA 17110
717-238-9423

Tired of Being Overcharged?
THE BATTERY WAREHOUSE

offers a complete line of factory fresh top quality batteries for all of your farming needs at everyday low low prices.



Now Featuring Our Group 1 6 volt At

$29.95 Exch.

440 Cold Cranking Amps 3 Yr. Standard Warranty

(Our Most Pop. 6 Volt Fits Many Old Farm Tractors)

We Specialize In "Hard To Find" Industrial Batteries

Passenger Car Batteries As Low As

$29.95 Exch.

FOR MORE INFORMATION - STOP IN OR CALL ONE OF OUR MANY CONVENIENT LOCATIONS

THE BATTERY WAREHOUSE

6100 Allentown Blvd.
on Rt. 22 East
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(717) 652-0565 or 0566

5240 Simpson Ferry Rd.
Windsor Park Shopping Center
Mechanicsburg, Pa. 17055
(717) 697-4414 or 4415

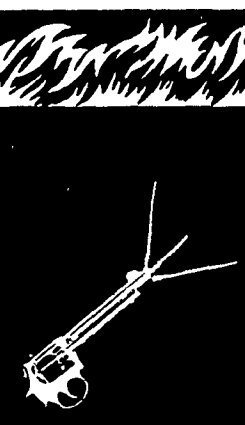
110 Lundy Lane
Geistown Clover Leaf
Johnstown, Pa. 15904
(814) 266-7807

3108 Pleasant Valley Blvd.
(Next to Dunkin Donuts)
Altoona, Pa. 16601
(814) 942-2888 or 2914

1115A Maugans Ave.
Hagerstown, Md. 21740
(Immed. of I-81 - Maugans Ave. Exit)
(301) 791-7780 or 7781

837A Balt. Blvd. Rt. 140
Westminster, Md.
From Baltimore
(301) 876-7188
From Westminster
(301) 857-4566

Complete Price Sheet Available Upon Request



WANTED DEAD OR ALIVE

Buyers for the most outstanding group of reasonably priced used tractors ever assembled at any farm equipment dealership. C&W will back the sale of any of the used tractors listed below with a

Fantastic 120 Day Guarantee

Farmall 766 diesel 85 HP, wide front end, 3 pt. hitch, 1973 model, good rubber, 18.4x38 rear tires, very good condition $13,750
Farmall 806 diesel, 95 HP wide front end, 3 pt hitch, year-a-round cab, axle mounted dual 18 4x34 rear tires, new clutch, clean tractor $8,750
Farmall 1086 diesel, 131 HP, cab, air conditioning, 20.8x38 rear tires, 1100x16 front tires, 1978 model, used 437 hours, like new condition $23,750
IHC 464 gas utility, 46 HP, 3 pt. hitch, independent power take-off dual remote hydraulic valves, power steering, one owner, we sold it new in 1973, used only 481 hours, 13.6x38 rear tires, like new condition $6,500
Farmall 1256 diesel, 116 HP, tricycle front end, 3 pt hitch, one owner, local tractor, 18.4x38 rear tires, used 4902 hours, excellent appearance and condition $11,500
Farmall 1066 diesel, 126 HP, 1974 model, year-a-round cab, 20.8x38 rear tires, one owner, local tractor, used 2496 hours, excellent appearance and condition, purchased from C&W in 1975 ..... $16,500
IHC 574 diesel utility, 53 HP, used 2994 hours, one owner, dual remote hydraulic valves, 3 pt. hitch, independent power take-off $6,500
JD 2520 diesel row crop, 61 HP, synchro-range transmission, dual remote hydraulic valves, used 3471 hours, 16.9x38 rear tires w 90% tread, 3 front end weights, one set rear weights, Hinson cab, very good condition $8,250
IHC 4140 skid loader, 4 cylinder watercooled 40 HP engine, hydrostatic all gear drive, lights, used 937 hours, C&W sold it new in September 1979, 60" manure fork, 60" material bucket, excellent condition $9,750

NOTICE

Waiver of finance available until 3/1/83 to qualified buyers on most equipment listed in this ad

Hyster model H60C 7500 lb. forklift, 73 model F227 Continental engine, 10' mast, power steering, dual solid drive wheels
$8,000

USED TRACTORS AND EQUIPMENT

- IH 830 forage harvester w/2 row corn head $6,500
- NH 880 harvester w/2 row corn head $3,750
- IH #16 harvester w/1 row corn head, clean $1,000
- Gehl harvester w/2 heads $500
- JD #24T baler w/thrower $1,200
- IH 37 baler w/thrower $800
- IH 110 side mounted sickle bar mower $675
- IH #1300 sickle bar mower $1,375
- Athens 11'6" disk harrow, disked 10 acres $2,150
- Athens Rhino model 131, 13' heavy duty disc harrow w/16 bearing standards, 22" discs 4" cylinder, Midwest Buster Bar $5,950
- Walsh 500 gal. sprayer $1,500
- NH 40' elevator w/gas engine $1,275
- IH #93 combine w/10' platform $3,000
- IH #71 flail mower $500
- McKee snowblower $500
- IH 540 185 bushel manure spreader $1,375
- Oliver 60 tractor $600
- Farmall 560 diesel 2 pt. hitch $4,300

Winter Service Special

10% Discount on IH parts used. No mileage charge on pickup and delivery on all service work performed in C&W's shop during month of January. Financing of repair jobs is available

1-800-692-7829

We ship parts by UPS daily We specialize in TLC guaranteed service

C & W EQUIPMENT, INC.

260 York Rd., Carlisle, PA 17013
717-243-4419

FARM EQUIPMENT FARM EQUIPMENT FARM EQUIPMENT

MESSICK'S

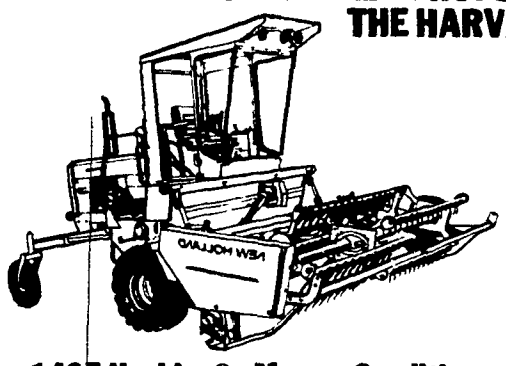
Farm Equipment Is Our Business

1953-1983 30th Anniversary

MAKE A DEAL WITH US — *START THE NEW YEAR RIGHT!*

TWO N.H. SELF-PROPELLED FORAGE UNITS FROM THE HARVESTING PEOPLE

SAVE BIG DOLLAR$ on these two models



1495 Haybine® Mower-Conditioner

12 Ft. cut with the unique ROLAREEL® header with full width conditioning rolls. Waiver of Finance Till July 1, 1983 PLUS A Big $1200 Cash Rebate OR 5% Financing.

NH 1900 Forage Harvester
A New Giant, 250 H.P. Strong

Waiver of Finance Till Sept. 1, 1983 PLUS a big $3400 Cash Rebate OR 5% Financing.

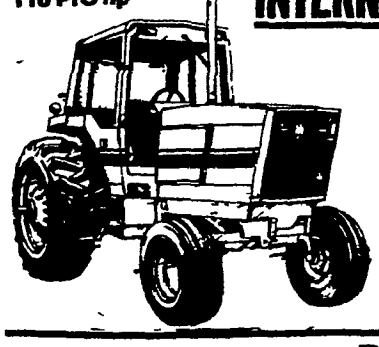
CHECK OUT THESE HAY & FORAGE SPECIALS: PRICED RIGHT!

- NH 320 Baler & 70 Thrower, like new, used one season.
- NH 718 Forage Harvester, 2 row head & pickup attachment.
- Fox model 2310 heavy duty, 2 row new style head & pickup attachment.
- NH 30 Blower, 1000 RPM, used 1 season, ex.
- NH 851 Rd. Baler, auto. tie.
- IH 56 Blower, Heavy Duty PTO
- NH #8 Forage Box, high sides, 3 beater, roof
- NH 273 Baler & Thrower, excellent

Don't Forget... 5% INTEREST OR WAIVER

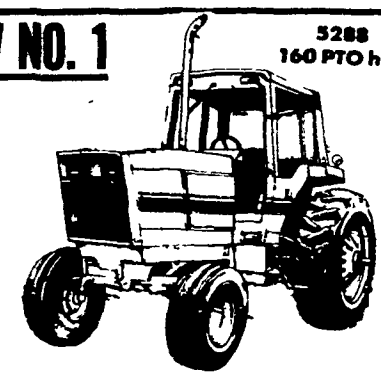
INTERNATIONAL-THE NEW NO. 1

3688 * 110 PTO hp



WAIVER OF FINANCE ON USED TRACTORS TIL MARCH 1, 1983

5288 160 PTO hp*



RENT ME or I'M FOR SALE

NH L445 LOADER, Gas or Diesel

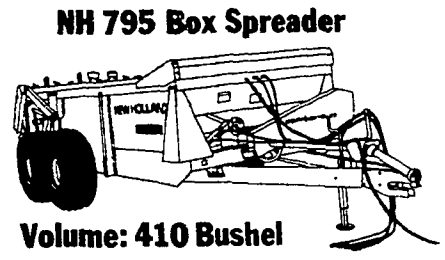
Free Finance Til April 1, 1983 or Cash Rebate

STRONG-BOXES

8 MODELS TO CHOOSE FROM

NEW ADDITION TO THE N.H. SPREADER LINE

NH 795 Box Spreader



Volume: 410 Bushel

ONLY 5% INTEREST

On New Holland Machinery, Limited Time Offer

— OR —

0% Financing (12 Monthly Payments)

— OR —

CASH REBATES Ranging Up To $6,000

GOOD CLEAN USED EQUIPMENT

TRACTORS

IH 656D Tractor
Int. 1486 w/1200 Hrs.

HARVESTING EQUIPMENT

880 N3 Corn Head
IH 15 Hay Rake
Bush Hog 5 ft. Rotary Cutter Trailing
AC Model 630 6 Row Narrow Cornhead, Used 2 Seasons, Like New
Fox Model 2310 w/H.D. PTO Electric Power Sharpener, 2 Row New Style Corn Head & Pickup Attach. Only Used ½ Season
NH Model 30 Blower, 1000 R.P.M.
NH 717 Harvester, 2 Row Narrow Head
NH 717 N2 Narrow Row Corn Head
NH 718 Forage Harvester, 2 Row Corn Head & Pickup Attachment, Ex. Cond.
NH #8 Forage Box, High Side, 3 Beater, Roof

MISCELLANEOUS

Several Used Cub Cadets
NH 36 Crop Chopper
NH 25 Whirl-a-Feed Blower
NH 354 Grinder Mixer, 100 Bu.

TILLAGE EQUIPMENT

IH 370 Disc Harrow 11 Ft. 6" Cut
Brillion 10 Ft. Packer
Brillion 16 Ft. Transport Harrow
Brillion 10 Ft. Transport Harrow
Athens 18 Ft. Disk Harrow
Glencoe 13 Shank Chisel Plow
Bush Hog 10 Tooth Shank Chisel Plow
JD 40 Spreader
Brillion 12 Ft. Cultimulcher

PLANTERS

IH 400 Planter 4 Row
Tye No-Till Grain Drill w/Coulters & Press Wheels. Ready to go! Like New.
Int. 800, 6 Row w/No Till, Fully Equipped

SKID LOADERS

NH L425 Skid Loader, Excellent Cond. SAVE $$$
NH 779D Skid Loader
NH L35G Skid Loader
NH L775 Diesel Skid Loader, Like New, Only 365 Hrs.

HAY EQUIPMENT

IH 37 Baler w/Thwr.
IH 430 Baler & Thrower
N.I. Mower Conditioner, Like New
NH 68 Baler
NH 67 Baler
NH 65 Baler
NH Model 1495 Self Propelled Haybine
NH 53 Thrower to Fit 273, 275 Baler
Int. 1190 Mower Conditioner
NH 851 Auto Wrap Round Baler, Fully Equipped
NH 320 Baler w/70 Thrower, Ex. Cond.
NH 273 Baler w/Thrower (Perfect)

SPREADERS

REPOSSED NH 800 15 Ton Spreaders w/Hyd. Gate, Fine Pan, Top Beater, Excellent Cond.
JD 790 Tank Spreader
NH 345 Tank Spreader
NI 200 Bu. 3 Beater Spreader, Excellent
NH 791 Tandem Axle Spreader, Hyd. Gate, Splash Guard (Excellent)

STIHL® The World's Largest Selling Chain Saw

NOTICE: All Service Work Scheduled In Our Shop For January Will Get 10% OFF On Parts & Free Trucking. Call Rick For App't.

MESSICK FARM EQUIPMENT, INC.

VISA

RHEEMS EXIT - RT. 283, ELIZABETHTOWN, PA
PHONE: 717-367-1319, 653-8867
WARREN SPICKLER — HOME 653-4560 RAYMOND MILLER — HOME 653-8762
★ WE SHIP UPS

TORQUE AMPLIFIER, CLUTCH & TRANSMISSION PARTS & SERVICE

Complete TA assemblies for 706-1586 are priced at $595 and come with a Dana Co Heavy Duty Sprag instead of the usual IH sprag **The Dana sprag is guaranteed for 2 years against failure.** Sprag kits (includes sprag gear, Dana sprag, and piston carrier) and all items for rebuilding your own TA are available to qualified persons Ramps and carriers for the older style TA's (as in SMTA, 340, 560) are priced at $150 each and carry a 90 day guarantee We have all the parts needed to rebuild your TA in stock at prices that will save you money We also have a shop available for complete TA installation Or, you may split your own tractor and bring the center housing to us, which we can rebuild while you wait (approx 4-6 hrs.) We also stock New and Rebuilt Water Pumps, Dynlife Clutches, Pressure Plates, and PTO Drive Gears, (Spline-fit into pressure plates) for most IH tractors and combines

— INTRODUCTORY LISTING OF NEW ACCESSORIES —

Easy-Shift Trans-Brake Control - fits 06, 56, 66, 86 and 2+2 tractors Eliminates grinding, eases hard shifting, reduces wear, and installs easily in approx ½ hour Will work on tractors with or without TA Was priced at $289 plus shipping, now selling for $189 shipping included

New 3 pt. Hitch assemblies - Now available for SMTA, 400, 450, 560, 544-656, 666, Hydro 70, 706-806, 1206, 56, 66, 86 & 2+2 tractors Also available for cat II & III models Prices start at $450

Drawbars - O.E.M. replacement Fits 06, 56 66 & 86 tractors Standard - $125, Telescoping - $200 Center extension available for $85

Top-Link Anchor Bracket - With oil fill & dipstick Eliminates pouring oil through cab & platform Available for cat II & III tractors Priced at $82 and $70

Front Weight Brackets - For IH suitcase weights, fits 06, 56, 66 & 86 tractors 10 wt capacity - $90, 12 wt - $100, 16 wt - $125, spacer blocks - $18

— USED PARTS —

We buy and sell used parts and parts tractors We have a good selection of quality used parts at competitive prices Please have part no when calling, if possible

Selling parts from the following:

Tractors - IH 1066, 806, 706G, 656D, 660D, 450D, 340, 300, M, SM, W-D9C, W-6 & A. JD 520, 3010, 2020D, 60, A, B. Oliver 1650-G.
Combines - IH 203, 815-D, fresh 407, JD 30 & 55, MF 35, MF 510 G
Quick Tach., Uni- 701, 702 & 705 tractors, also 710 combines & 727 & 737 huskers.
Corn Heads - IH 429 WN, 430, 228, 227, 328 WN.

Dealer Inquiries Welcome

J. EDWARD LEAMAN
Rt 1 Box 474
Willow Street, PA 17584
717-464-2874

WHITE FARM EQUIPMENT — WOODS Division of Hesston Corporation — SPERRY NEW HOLLAND

USED EQUIPMENT

TRACTORS

Oliver 1750
Oliver 1650 Gas
Oliver 1650 Diesel
Long 350

SKID LOADERS

NH L35

TILLAGE - PLANTING

White 5400 Planter
JD 1240 4-Row w/Monitor
Brillion 14' Transport Harrow
IHC 550 5-16 Plow

HAYTOOLS

NH 268 Baler w/Thrower
NH 269 Baler w/Thrower
NH 68 Baler
Oliver 620 Baler w/Thrower
NH 461 Haybine
NH 469 Haybine
Gehl 880 Mower Conditioner
NH 55 Rake

SPREADERS

NI 212 Spreader
NH 510 Spreader
NH 367 Tank Spreader, LH

FORAGE TOOLS

NH Super 717 w/1-Row
NH 707 3 pt. Harvester w/1-Row
IHC 16 w/1-Row & Pickup
Kools KB 60 Blower
JD 15A Crop Chopper
NH 36 Crop Chopper
NH No. 8 Forage Box w/Roof

CORNPICKERS

IHC 2 MH Cornpicker

COMPACT TRACTORS

Kubota B6000 E w/Woods RM 59 Mower
Farmall Cub Lo-Boy

NEW EQUIPMENT IN STOCK

WHITE 2-55 Tractor
WHITE 2-65, 2&4 Wheel Drive
WHITE 2-75 Tractor
WHITE 2-85 Tractor
WHITE 2-88 Tractor
WHITE 2-105 Tractor
WHITE 2-110 Tractor
WHITE 2-135 Tractor
WHITE 543, 4 & 6R Planter, No Till
WHITE 5100, 4 & 6R Planter, No Till
WHITE 254 10' 4" Disc
WHITE 348 SAR Plow
WHITE 508 SAR Plow
WHITE 466 Chisel Plow
WHITE 285 Field Cultivator
NH L425 Loader
NH 707, 718, 782, 892 Harvesters
NH 310, 311 & 315 Balers
NH 847 Round Baler
NH 80 Bale Mover
NH 488, 489 & 1495 Haybines
NH 256 & 258 Rakes
NH 38 Crop Chopper
NH 28 & 30 Blowers
NH No. 8 Forage Box
NH 513, 519, 679 Spreaders
NH 363 Tank Spreader
NH TR75 Combine
KUBOTA - All Sizes In Stock
BOBCAT 642 & 743
TYE No Till Drill
GLENCOE 7' Tooth Soil Saver

KUBOTA® bobcat

NORMAN D. CLARK & SON

Honey Grove, PA 17035 - Phone 717-734-3682
Located 14 Miles South of Port Royal on Rt. 75

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

PEQUEA BATTERIES

Ronks, PA 17572

- GENERATORS
- STARTERS
- ALTERNATORS

PARMAK® FENCERS

EXPERT REPAIRS

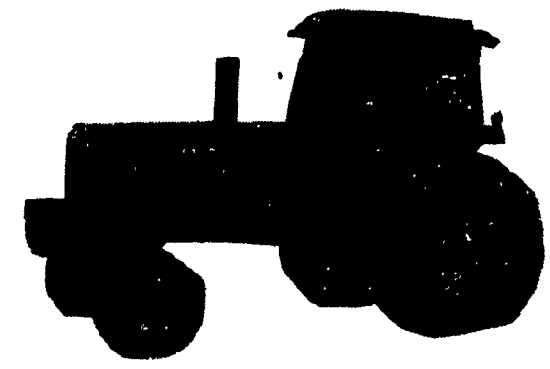
Wanted

IH 500 tool bar planter, 8 row, good condition.

For Sale

MF 880 plow, 7-16, with coulters, hyd. reset, on land hitch, plowed approx. 100 acres, $7,200. Delivery possible.

Call evenings
717-799-0083



John Deere 4240,

110 HP, Cream Puff,
power shift, 787 Hrs.

717-653-8783

SPECIALS

S.G. LEWIS AND SON, INC.

RD #2, Box 66, West Grove, Pa.
215-869-2214
All Hay Equipment Free Finance until 6/1/83

FORAGE

SNH #718 Forage Harvester w/#822 corn head $8,000
SNH #25 Blower $1,600

HAY

SNH #451 Mower w/7' Cutter Bar $1,860
SNH #472 Haybine $5,875
MF #124 Baler $5,000

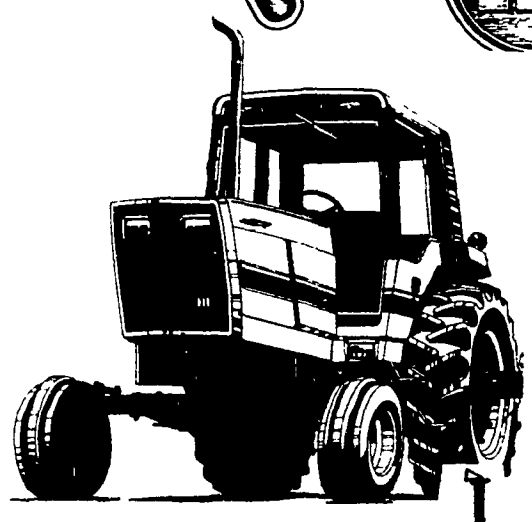
SPREADERS

SNH 679 Spreader w/splash guard, fine manure pan and hyd. end gate $5,550
SNH #301 Liquid Spreader, 540 Drive w/soil ejector & coulters $9,000

Don't be fooled by lower prices on "will-fit" parts. The management of other brand dealerships recognize the value put into genuine Sperry New Holland parts and service. This is what made Sperry New Holland the leader and No. 1 in hay and forage equipment. When a problem arises or you need parts or service, call your authorized Sperry New Holland dealer.

215-869-2214 or 215-869-9440

RED EDGE IH

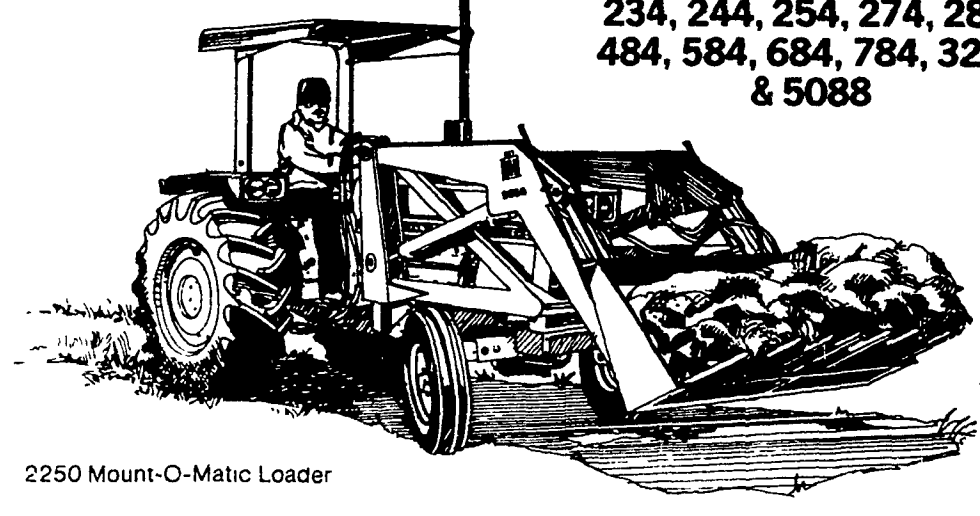


AGRICULTURAL EQUIPMENT

3288 Tractor, western cab, data center, front & rear weights.

$27,775.00 SPECIAL

New tractors in inventory
234, 244, 254, 274, 284, 484, 584, 684, 784, 3288 & 5088



2250 Mount-O-Matic Loader

MANOR EQUIPMENT, INC.

WHEATFIELD ROAD, R.D. #8, SINKING SPRING, PA.
DIRECTIONS: 2 MILES SOUTH OF SHILLINGTON, TOP OF 5 MILE HOUSE HILL, TURN RIGHT OFF ROUTE 222 ½ MILE

PHONE 678-0828

M.M. WEAVER & SONS, INC.

MF Massey Ferguson

LEOLA, PA. 17540 PH: 717-656-2321

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

USED TRACTORS

MF 2775, 160 hp.	$22,000.00
MF 2675, 100 hp.	20,000.00
MF 1800, 180 hp., 4 wheel drive	15,500.00
MF 1135, 120 hp., w/cab	12,500.00
MF 1130, engine overhauled	7,500.00
MF 1130	6,000.00
IH 1456	9,500.00
MF 1155, 8 speed	8,500.00
MF 33 wheel loader	9,000.00
MF 180 diesel	3,500.00
MF 811 skid steer, diesel	5,500.00
MF 235 diesel	5,200.00

USED PLOWS & TILLAGE

IH 4-14 semi-mounted plow	600.00
MF 57 3-16 two way plow	2,000.00
MF 43 3-14 spring trip plow	1,175.00
MF 82 4-16 spring trip plow	1,200.00
Taylor Way pull type, 12 tooth chisel plow	1,250.00
IH 31 tooth, 3 pt. Vibra shank cult.	1,200.00
IH 13 tooth field cultivator	675.00
MF 129 Front Mtd. cultivator	300.00
JD 3 pt. rotary hoe	1,800.00
MF 428, 4 row cultivator	1,700.00
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NO FINANCE CHARGES ON USED COMBINES TIL JUNE 1, 1983

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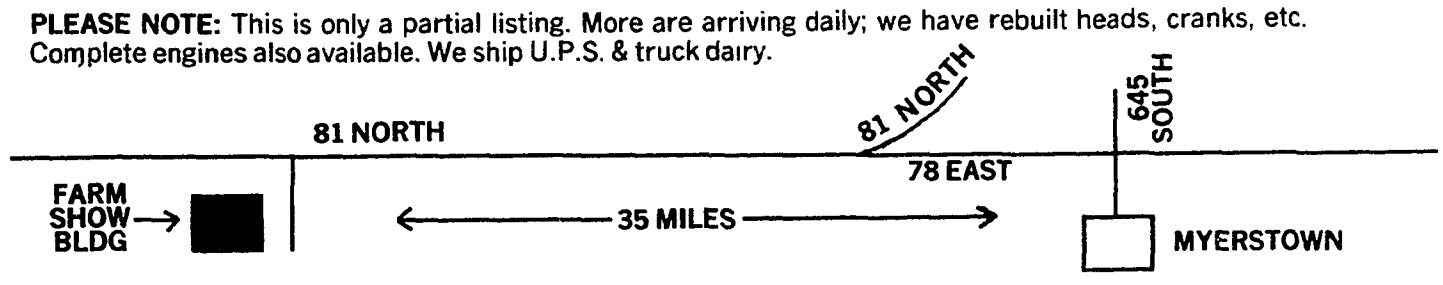

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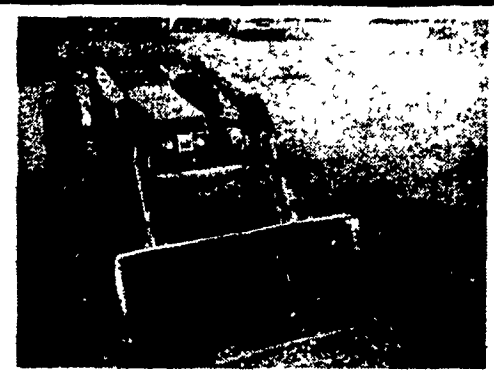

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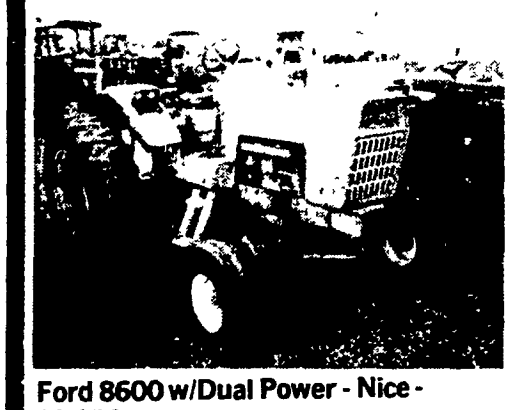

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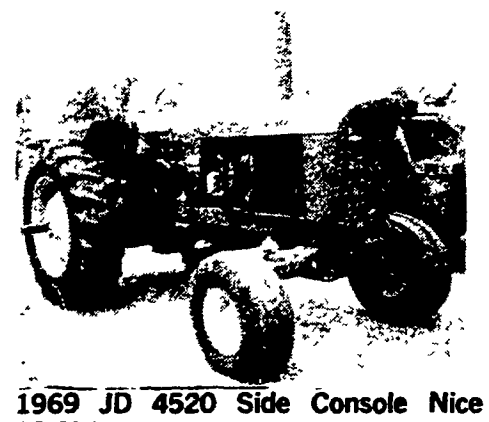

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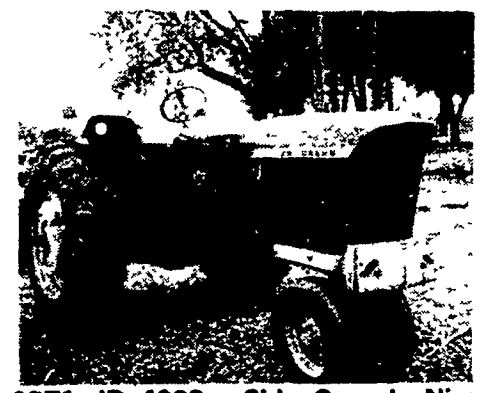

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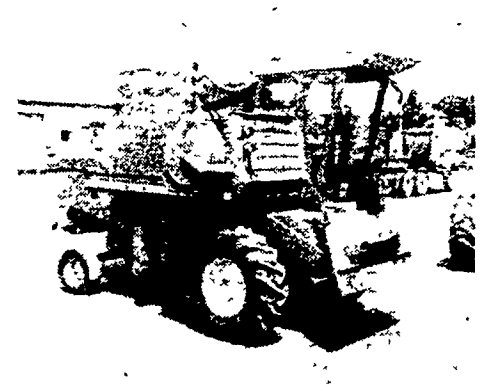

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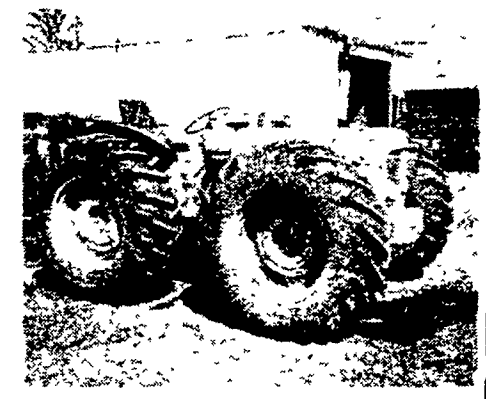

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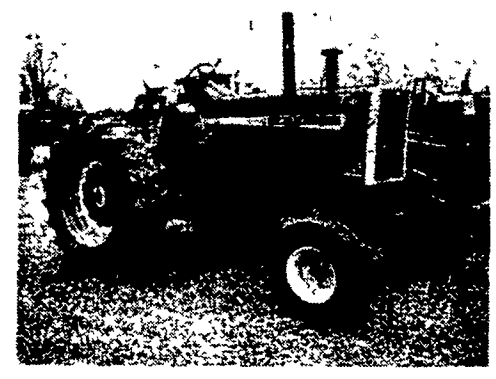

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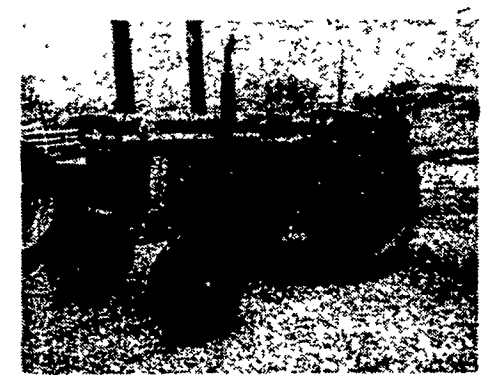

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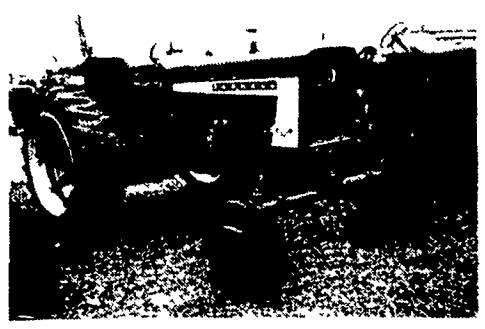

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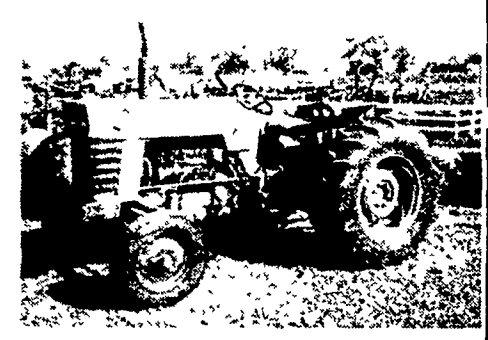

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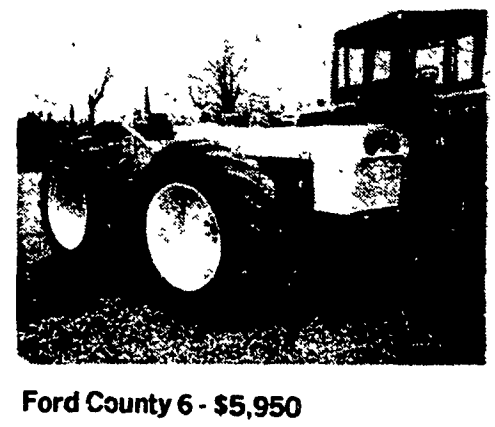

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- JD "H", Not Running, Hand Crank $850
- JD "A", Styled, Hand Start, Nice $850
- Oliver "70" w/Loader, Runs $850
- JD "A" Unstyled $3250
- JD "A" Unstyled $950
- Farmall 15-30 ..... $1950

FINANCING NOW AVAILABLE ON ALL ITEMS OVER $500

WINTER SPECIAL
Used Tire Chains

HARVESTERS

NH 890 - Nice
NH 717 & Super 717
JD 25-35
Fox & AC
1 Row to 3 Row Cornheads
Direct Cut Heads
Pickup Attachments
Snapper Heads For: NH Fox - JD

SKID LOADERS

OMC 1700 Diesel $5900
Melroe 520 .... $5900

COMBINE CORN HEADS

NARROW ROW
IH 833-743-733-429 -329-863-327
JD 643-443-434-334 -313-335
AC 630-430-330
Oliver 703N-531-541
MF 63-43-33-321
NH 4x30 QT
Case 4x30-3x30
NI UNI - 3x30
WIDE ROW
IH 744-429-329-327-724-229-228-227-25-22-844
JD 434-334-234-210-205-10-344-244-444
AC 440-435-240-238
Oliver 544-531-522-512-
MF 44-24-422-322-222-22-20
NH 2x40
Case 4x40-2x40
NI UNI 3x40-2x40

CORNSHELLERS

JD #6 ..... $1500
MM 1200 ... $3800-$4500
JD 43 - 3 Pt. $875

COMBINES

JD 7700 D - Fire Damage $6900
JD 4400 - Nice - Rotary Screen $13,400
JD 55 SB $4900
JD 45 SB w/2 Hds. $5500
MF Super 35 ... $4950
IH 82 Pull Type. $3500
JD 4400 ..... $5450

GRINDER MIXERS

Gehl - Nice $3450
NH 354 - Nice .. $3850

STACK MOVERS

Hesston 10W & 30
JD 200

CULTIMULCHERS

10'-12'-14'-16'

DRILLS

JD & IH
15 to 21 Disc

NEW DISC'S

3 Pt. - Now & Used
Wheel Type From 8' to 24'
Offsets

CABS

New & Used $495 & Up
Tractors & Combine
Rollbars ... $200 & Up
Cab Coolers $500

DUALS

New & Used
All Sizes

ELEVATORS

32' to 40' - $695 & Up

PLOWS

1 Bottom to 7 Bottom
All Makes - Some Resets

WAGONS

6-8-10-11-12 Ton Gears ..... $395 & Up
New Bale Bodies $495
New 16' Feeder Rack $595
Used 18' Feeder Rack & Gear $595
Used Bale Body & Gear $595
Used Bin Wagons ... $695 & Up
Self Unloading Wagons

NI UNI SYSTEMS

701 Tractor w/cab
727 Husking Bed
2x40 Cornhead
3x30 Cornhead
710 Combine Grainhead
3x30 Chopper Head
Pickup Head
High Moisture Throat
2x40 Chopper Head
3x40 Corn Head
760 Chopper
717 Combine

CORNPLANTERS

1 Row to 8 Row
JD-AC-IH-Ford

CULTIVATORS

1 Row to 4 Row
Lots of Makes And Models

NEW EQUIPMENT SPECIALS

6 3 pt Scraper Blades $195
7 3 pt Scraper Blades $250
8 3 pt Scraper Blades ... $350 & $795
Landscape Boxes ..... $450 & up
6'6" 3 pt Disc s ... $500
Spike Harrows ... $500-$600
3 pt Fert Seeders $350
Round Bale Feeders $145
3 pt Boom Poles ... $49
3 pt. P T.O Wood Saws $495
3 pt 9 P H Digger $450
165 Bu Gravity Boxes $465
210 Bu Gravity Boxes $565
5 3 pt Rotary Mower $495

RAKES

NH-JD

BALERS

NH - IH

MISC. MACHINERY

Rotary Hoes
Lely 13' Roterra
4' to 10' Snow Plows
Post Hole Diggers
Lime Drills
Potato Plows
1X & 2X Potato Diggers
GT 270 Dryer
Mc 600 Dryer
(2) Gehl 72 Flail Choppers

LOG SKIDDERS

Tree Farmer C7 $7850

MANURE SPREADERS

NH - NI - IH Single Axle ..... $395 & Up
NH Tandem Axle $2850

LOADERS

Good Asst.
All Used

FORKLIFTS

Towmotor $2300
IH 350 ..... $2900
AC $3100
Towmotor $5200
(2) Tow Motor . $5300
(2) Ford .. .... $5900 & $3500

COME TO THE PEOPLE THAT DO BUSINESS

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

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Over 20 years experience with Ford tractors and equipment.

Shop & Road Service
Pickup and Delivery

WALT STIVELY, JR.
Springville Road
Quarryville, RD3
Phone: 717-786-2252

NEW EQUIPMENT

WHITE -
2-110 tractor w/cab
2-85 tractor
2-55 tractor
506 5 Bot. SAR Plow
598 6 Bot. SAR Plow

GEHL
CB 1000 For. Harv. w/2-Row Corn Attach. & Hay Attach.
3510 Skid Steer Loader
1400 Round Baler (Demo.)

NEW IDEA-
No. 177 41' Elevator
No. 243 Spreader
No. 244 Spreader
No. 245 Spreader
279 CutDitioner
325 Cornpicker w/327 Husking Unit

USED EQUIPMENT

New Idea 218 Spreader
New Idea 622 Forage Blower
FB 88 Gehl blower
Oliver 252 Disk Harrow 11'6
Gehl 95 Grinder Mixer
Gehl 115 Grinder Mixer
Gehl 910 For. Box

MILLER EQUIPMENT CO.
RD 1 Bechtelsville, PA
215-845-2911

VERMEER | MEDLUND MARTIN INC. | Vicon

NEW EQUIPMENT

- S Scranton Bale Feeders
- Vermeer 504H Baler
- Vermeer & Scranton Bale Movers
- Martin S SOLD preader
- (4) Vicon 4 Wheel 3 pt. Hitch Rakes
- (1) Vicon SOLD el Trailer Rake
- (3) Vicon 600 lb. Spreader
- (3) Vicon 950 lb. Spreader
- (2) Vicon 1900 lb. Fert. Spreader
- (1) Vicon 15' Power Harrow
- (1) Vicon RP1200 Round Baler
- (1) Vicon 8' Mower Conditioner
- Haybuster 1068 Semi-Mounted No-Till Drill

USED EQUIPMENT

- Int. 9' Haybine
- Vicon RP1200 Round Baler, Demo.
- Vicon 8' Mower Conditioner
- Vicon 10 ft. Power Harrow
- Brady Flail Shredder
- Martin 3300 gal. Liq. Spreader
- Hawk Bilt 257 Tank Spreader
- Farm Systems Tank Spreader - Excellent Condition
- New Idea Manure Spreader
- Hesston 12' Hydro Swing Haybine

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Booth LL-13
Lower Level, Large Arena

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215-944-9583 215-944-0791

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RD4, Lebanon, PA (Fontana) 717-867-5161 or 717-867-2613

Mon.-Thurs. - 7:30-5:00; Fri. - 7:30-8:00;
Sat. - 7:30-4:00

OUR DUTCH AUCTION ITEMS WILL SOON BE GONE!

Prices reduced on all items daily (except Sunday) until sold

NEW EQUIPMENT

ITEM	STARTING PRICE	DAILY REDUC.	PRICE ON 1/10
17'8" Bush Hog folding Transport disc 24" x ¼ blades	$10,700.00	$13.00	$8799.00
11 ft. - 11 tooth 3 pt. 3 Bar 32" shank Brillion Chisel Plow	$2225.00	$ 3.00	$1784.00
STC - 16 Folding Wing 16 ft. Transport Brillion Field Harrow	$2595.00	$ 3.00	$2154.00
SFH - 113B Glenco 11' 3" Soil Finisher	$7100.00	$ 9.00	$5777.00
New Idea 402 - 5 bar rake w/rubber flex teeth and caster wheel	$2150.00	$ 3.00	$1709.00

USED EQUIPMENT

9 ft. Pulvimulcher	$ 425.00	$ 1.00	$278.00
10 ft. Power Harrow Roteria 3 pt.	$1995.00	$ 3.00	$1554.00
729A Uni Sheller	$3750.00	$ 5.00	$3015.00

USED EQUIPMENT

(2) Gehl 95 Mixer
Gehl 120 Mixer
Gehl 100 Mixer, Good Cond.
(2) NH #676 Tandem Axle Manure Spreader w/hyd. gate
Ontario 16 Double Disc Drill w/fertz. attch.
Glenco 9 shank Soil Saver
Little Giant #21 34' Elevator
MM G 900 Dsl. Tractor, recently overhauled
Scat Back Oscillating 30 h.p. Skid Loader
Bobcat 500 Skid Loader
NI 214-216 206 bu. Flail Spreader w/Gratz web
IH 12' Drag Harrow
Pittsburgh 10' Drag Harrow

NEW EQUIPMENT

Hesston #1580 Tractor (130 h.p.) w/cab
Hesston #980 4 Wheel Tractor (90 h.p.) w/cab
Hesston 2240 Flat Fold Field Cultivator
Caldwell 7' & 8' 3 pt. Blades
NI 244 Manure Spreader
NI 245 Manure Spreader
Pequea #250 3 pt. Cord Saw
802 Uni w/power assist, 838 husking bed and 844 Narrow corn head
Century 500 gal. field sprayer w/35' Boom, tandem axle

Farming Frontiers 1982

MONDAY, JAN. 17th

JOHN DEERE

TWO SHOWS — 10:00 AM & 1:00 PM; Lunch Served at 12:00 Noon
Location - Farm & Home Center, 1383 Arcadia Rd., Lanc., Pa.

Come To Our Parts Dept. for BIG $AVING$

Register for free FIRE EXTINGUISHER

JAN. 17th thru JAN. 22nd ONLY

10% Cash Discount on All Parts & Hardware In Stock Or Ordered.

UP TO 25% Cash Discount On These & Other Selected Items Listed Below.

JOHN DEERE OIL
ENGINE & HYDRAULIC
10% OFF
Our Regular Low Price

JOHN DEERE SEAT KITS
Fits like the original 2510, 3010, 3020, 4020, 2520, 4320, 4520, 4620, Early 4230, 4430, 4630
Regular $93.95
SALE **$79.85**

JOHN DEERE AIR COMPRESSORS

	List	SALE
¾ HP	$389.95	$311.95
1 HP	$514.95	$411.95
2 HP	$644.95	$515.95

JOHN DEERE HAND CLEANER

	List	SALE
1 lb. can	$2.10	$1.75
4½ lb. can	$7.35	$6.25
Heavy Duty Liquid		
16 fl. oz.	$2.30	$1.95
1 fl. gal.	$12.75	$10.85

JOHN DEERE CHISEL POINTS

	List	SALE
TWISTED 3"x22"	$9.80	$7.85
STRAIGHT 1½"x11½" thick	$5.11	$4.10
1½"x11 5/8" Thick	$5.51	$4.40
2x14 5/8" thick	$7.11	$5.70

High Speed
Field Cultivator Shovel

	List	SALE
N506M	$2.82	$2.25

JOHN DEERE BATTERIES
25% OFF List
Plus $1 for trade in

BATTERY CHARGERS

	List	SALE
10 AMP	$65.00	$52.95
15 AMP	$118.00	$94.95
30 AMP	$154.00	$123.95

BOOSTER CABLES

	List	SALE
12 ft. 4 ga.	$24.95	$19.95
16 ft. 4 ga.	$29.50	$23.95
20 ft. 4 ga.	$34.50	$27.95

JOHN DEERE PLOW SHARES
Heavy Duty, Righ Hand
Box Price
6 Shares per box
A10228 16" $73.65
A14244 18" $89.75

JOHN DEERE CHAIN LUBE
by the case
12 - 15 oz. cans per case
Special Price
$34.17

JOHN DEERE DISK BLADES
Quantity Discount
up to **20%**

JOHN DEERE WELDER
295 amp
Continuous amp control, dual voltage taps, No. 3 welding cables, heavy duty clamps, only one in stock
$284.75
Reg. $355.00

FILTERS
Genuine John Deere
Buy 5 or more of any combination
Air, Fuel and Oil
20% OFF List

JOHN DEERE POWDER GRAPHITE
For Plate or Plateless Corn Planter
THIS WEEK ONLY **$2.00**

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JOHN DEERE

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Mon. - Fri. 7:00 - 5:00 PM,
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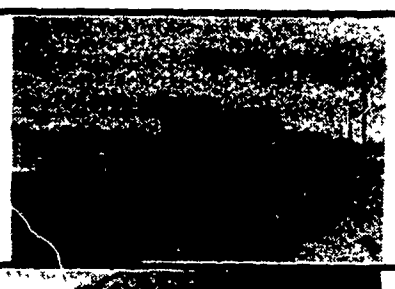
JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

JOHN DEERE USED TRACTORS

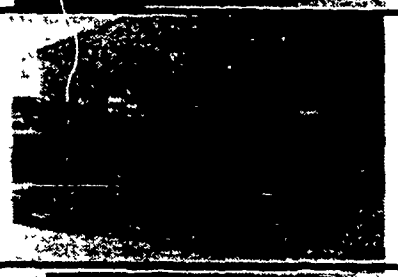
1010 RU Dsl.
4620 P. Shift Cab
4010 Dsl. W.F.E.
4020 Dsl. W.F.E.
4030 SYR. 4 Post R.G.
3010 SYR. Dsl.
3010 SYR. - Gas w/Side Mtd. Mower
630 Gas R.C.
70 Gas R.C.

OTHER FARM TRACTORS

2 - 135 White-Cab, Low Hrs.
M Farmall
460 IHC Gas
MF 65 Dsl.
Oliver 550 Gas w/Sauder Loader
AC 7045 w/Cab, Low Hrs.



JOHN DEERE 7700 COMBINE
DSL. w/Cab, w/14 Ft. Platform
Priced At $19,900
444 Corn Head
Priced At $3,950
JDFP Financing Available
Waiver To Sept. 1-83 For Corn



JOHN DEERE 2940 TRACTOR
w/MFWD - 300 Hours
Dual Hydraulic Outlets
Priced At $19,900
JDFP Financing Available
Waiver To June 1-83

JOHN DEERE 4230 DIESEL TRACTOR
Quad Range Trans.
Sound Guard Body
Priced At $16,900
JDFP Financing Available
Waiver To June 1-83

JOHN DEERE 2640 HU DIESEL TRACTOR
w/Roll Guard & Canopy
w/JD 146 Loader w/84" Bu.
Priced At $16,500
JDFP Financing Available
Waiver To June 1-83

SALE -- RECONDITIONED USED EQUIPMENT PRICES REDUCED

PTO MANURE SPREADERS

Tag 318	NI 224 w/Endgt & Top Btr.	Reduced $500 to $3295
Tag 327	NI 218 w/Endgt	Reduced $595 to $3000
Tag 300	NI 213 Sngl Btr w/Endgt	Reduced $200 to $1595
Tag 313	NI 213 Sngl Btr.	Reduced $50 to $750
Tag 294	NH 214 Flail Type	Reduced $400 to $1595
Tag 296	NH 365 Flail Type Spreader	Reduced $400 to $995
Tag 287	JD 40 w/Endgt	Reduced $100 to $1450

GROUND DRIVEN SPREADERS

Tag 328	NI 206 (hubs only)	Reduced $100 to $1100
Tag 299	NI 206 steel whls.	Reduced $525 to $1250
Tag 283	NI 206 (hubs only) w/dgate	Reduced $400 to $1095
Tag 214	NI 206 stl whl AS-IS.	Reduced $50 to $350
Tag 305	NI 10A stl whl AS-IS.	Reduced $120 to $175

CORN PLANTERS - Subject to interest waiver
To April 1, 1983, JDFP

Tag 169	JD 7000 6R Cons, dry fert., insect. pop. monitor	Reduced $500 to $8495
Tag 151	JD 1440 Zero Till 4R 80 plateless, dry fert. insect.	Reduced $145 to $2850
Tag 149	JD 1250 6R plateless w/dry fert., insect., insect, pop monitor	Reduced $500 to $2450
Tag 143	JD 1240 4R 38" plateless w/fert., insect, monitor	Reduced $400 to $2050
Tag 146	JD 1240 4R plateless w/fert., insect.	Reduced $300 to $1650
Tag 171	JD 1240 4R Plateless liquid fert.,	Reduced $1000 to $500
Tag 153	AC 500 4RW, dry fert., insect.	Reduced $700 to $750
Tag 164	AC 500 4R, fert., AS-IS	Reduced $345 to $250

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE
NEW EQUIPMENT SPECIALS

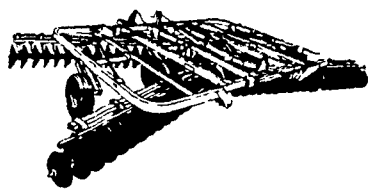
JD 2440 RU 28" whls. Hi/Lo
JD 4240 quad w/sound body
"40" Series close out specials. New Customer cash rebates and finance waiver until June 1, 1983 or cash in lieu of waiver.
JD 327 Baler w/#30 ejector
JD 337 Baler w/#30 ejector, JD waiver to May 1, 1983
JD 7000 4&6 row planters
JD money bonus & waiver to April 1, 1983
JD 125 Dsl. skid steer loader
JD 90 skid steer loader
JD 6500 forage blower
JD 465 flail spreader
NI 325 2RN picker
NI 272 7' cut/ditioner

NI 206 SPREADERS SPECIAL TERMS NOW BEING OFFERED WITH DOWN PAYMENT BALANCE CAN BE EXTENDED TO MARCH 1, 1983

NEW IDEA 95 BU. GROUND DRIVEN SPREADERS

206 New Idea Spreader Available
With or Without Steel Wheels
With or Without Endgate Att.

TILLAGE DISCOUNT



Make your best tillage deal with us; John Deere will make the deal even better

Now's the time to see us for a John Deere tillage tool. Besides the great deals we're making, John Deere is offering a 5 percent discount (off the latest suggested retail price of the base machine). Offer ends February 28, 1983.

Equipment On Hand For Immediate Delivery

Model & Size	John Deere 5% Discount
115 Disk Harrow 10'0"	$162.90
115 Disk Harrow 11'5"	$198.25
315 Disk Harrow 12'10"	$400.45
235 Disk Harrow 18'6" (Dura Cushion)	$722.05
1610 Chisel Plow 10'	$88.30
1010 Field Cultivator 18½'	$239.20
1010 Field Cultivator 25½'	$442.65

WINTER REPAIR SPECIAL

FREE ENGINE OIL CHANGE WITH TRACTOR REPAIR WORK

10% OFF

On all John Deere Service Work
On Farm Tractors and Farm Machinery -
No Minimum-Thru March 1, 1983

DISCOUNT APPLIES TO ALL SERVICE WORK DONE IN OUR SHOP INCLUDING HAULING, LABOR, AND JOHN DEERE PARTS USED PERFORMING THE JOB.
☆ FIELD SERVICE EXCLUDED ☆

Make all your farm machinery repairs now to avoid wasting valuable time and money in the busy Spring. Our mechanics are experts...call soon! - (717) 291-1046.
By Appointment Only
Sorry we cannot offer discounts on credit sales

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Phone -717-291-1046

JOHN DEERE

FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT | FARM EQUIPMENT

NH 363 TANK SPREADER
2 YEARS OLD
$2,250
NH #271 BALER W/THROWER
JD 14' MEDIUM DUTY DISC
$1,650
SHOVER'S
Loysville, Pa.
717-789-3117

NH TR 75
Pay New Holland what we owe and it's yours!

New White 2-85 Tractor

MF 65 Tractor

NH 362 Tank Spreader

Post Drivers & Diggers

Used NH 352 Grinder Mixer

Used Balzer 400 Spreader

Skid Loaders

SHEETS BROS.
New Holland, White
1061 Carlisle St.
Hanover, Penna.
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JOHN DEERE

USED EQUIPMENT
JD 4030 Tractor Diesel
JD 54 Manure Spreader
JD 494A Planter
JD 694A Planter
JD 4400 Combine
JD 105 Combine
JD 727 rotary mower
JD 7000, 8 row, 30" corn planter w/Liquid Fertilizers and Monitor
JD 1250 corn planter
JD 485 mower conditioner
JD 3800 Chopper
JD 2450-6 Btm. on Land Hitch Plow
Oliver 5x16 Plow
1-JD 2630 tractor
1-JD 4020 tractor
1-JD 1250, 3 btm. plow
1-JD 2450, 5 btm. On Land plow
1-JD 34 spreader
1-JD AW disk harrow, 14'

NEW EQUIPMENT
JD 7100 8-row 20" bean planter
JD 2450-7B-16" On Land Hitch Plow

OTHER LINES NEW EQUIPMENT
NH 315 Baler w/ejector
Superior-Campbell Sprayers
Superior-Scranton Livestock Equipment, (Hay Feeders, Corrals, Gates)
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J.S. COVERT & SONS
Neshanic Station, NJ
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or 717-626-1164

NEW HOLLAND
#36 Crop Chopper
Late Model
Real Good Condition
$2,000
PAUL SHOVER'S INC.
35 E. Willow Street
Carlisle, Pa.
717-243-2686

1500 Gallon Honey Wagon w/Injectors.
Demonstrated 3 Times.
$7000
EXCELLENT COND.
717-286-1026

1981 PRICE. 1983 PERFORMANCE.

Get 1983 performance at low 1981 prices Now, until April 30, 1983, you can select any new International® tractor from our complete line of 15 2 to 170 PTO hp models and lock in on proven 1983 performance at low 1981 prices

We're working to help you get the power and performance you'll need next spring by offering you the lowest price possible as long as possible Take advantage of our low prices now Buy a new International 60, 50, 30, 84 or 200 Series tractor before April 30, 1983.

Ask us for details on these special offers and for information on other ways to save when you buy International

A REAL FEEL FOR THE WORK YOU DO.

INTERNATIONAL HARVESTER

ASK ABOUT IH RED EDGE
"PERFORMANCE SAVINGS"
NEW 30 and 50 SERIES TRACTORS
Best Cash Prices Ever
On
All Equipment Now

★ **IH 1086 - Rental - Extra Special Price!**
★ **IH 3688 - Demonstrator - Extra Special Price!**
★ **IH 5288 - Demonstrator - Extra Special Price!**
★ **IH 6388 - 4 Wheel Drive - Buy A Real 4WD At The Same Price As An Add-On 4WD!**

NEW! **New IH 496 CUSHION GANG FLEX WING DISC HARROW w/EARTH METAL DISCS** NEW!
• **22 FT. DEMO IN STOCK - ONE ONLY - CALL FOR PRICE**
• **19 Ft. 1 SOLD also In Stock!**

• **IH 3 pt. 181 Rotary Hoe In Stock!** • **IH 4 & 6 Row 183 Cultivators In Stock!**

ERB & HENRY EQUIP., INC.

New Berlinville, PA. 19545
Ph: (215) 367-2169
Daily 7-5; Sat. 7-3

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Ask About Cash Rebates
On Loaders, Tillage, Hay & Other Equipment

REBATES AVAILABLE IN ADDITION TO THESE LOW, LOW PRICES!

IH 1250 GRINDER MIXER, ... Old Price
IH 1350 GRINDER MIXER. ..... Old Price
DEMO IH 501 DISK HARROW - 12'5"
26" blades ¼" thick, dual wheels w/new tires, furrow filler w/blade, hyd. cyl. hoses & fittings, set up, list $8031 .... Was $6,225 SALE $ 5,925
IH 315 20' PACKER MULCHER HYD. FOLDING
Hyd. transport cyl., front scrapers, leveling bar, A&H, list $9312 ..... Was $7,900 SALE $ 7,500
IH 415 PACKER MULCHER,
10'2 ..... Old Price
IH 482 CUB CADET 11 HP
4 Speed, single cyl., Briggs & Stratton, hand lift, 38" mower FREE..... SALE $ 2,495
IH 4130 Gas Skid Loader, Demo. ..... Call For Price!

COMBINES!

★ IH 1460 Axial Flow Combine In Stock, DEMO - Special Allowance Available
★ IH 1420 Combine - In Stock
★ 963, 944, 943 Heads In Stock!
★ 820 15' Floating Cutter Bars, DEMO - Special Allowance Available
★ 810 15' Cutter Bar (Old Price!)

We Specialize in IH Combine Parts and Service

USED EQUIPMENT

★ Waiver Of Financing On Most Items! ★

TRACTORS:
IH 574 D Row crop - $8,500
IH 574 Gas, Utility
IH 1566 D., Cab & Air, 30.5x32 tires, new TA, Real Nice - $18,500
JD 4520, 20.8x38 Radials, No Cab - $12,500
606 Diesel Utility, 3 pt. - $4,900
IH 560 Gas, 400 Gas
IH 350 Farmall, PS
IH 460D, Utility - $1,800 as is
IH 544 Gas w/2000 Loader - $6,500
(2) Farmall M
MF TO-30 w/Turf Tires
MF TO-30 w/Ag Tires
Leyland 154 Gas w/Turf Tires

TILLAGE:
JD TO 310, 32 Disk, Real Nice
JD 111 10 ft. Disk Harrow, Like New
IH 470 Disc Harrow, 15' Folding, 7½" Spacing
IH 760 14' Offset Disc
Bush Hog 18' Folding Disc
Pittsburg 12' Disc
IH 370, 350, 37, 35 In Various Sizes
Cub 2-Way Plow
Oliver 4-Bot. Semi-Mtd. Plow
IH 531 3 pt. 3 Bot. Plow
IH 550 5-Bot. 16" Semi Mtd. Plow
MF 3 pt. Mtd., 3 Bot. Auto Reset Plow
Dunham 8 Shank 3 pt. Chisel
IH 13' Trailing Chisel
Glencoe 12' 9 Soil Finisher — $4,500

HAY & FORAGE EQUIPMENT:
MC 60 2-Row Shredder, Like New
IH 990 Mower Conditioner, 9', Steel Rolls, Very Nice Cond.
LAMCO Forage Wagon
IH 110 Forage Wagon
#8 Flail Chopper, Like New
33 NH Flail Chopper
JD 16A Flail Chopper
JD 115 Forage Wagon
Gehl FBB 88 Blower
Gehl FBB 99 Blower
Badger TA-54 Blower, Like New
38 JD Chopper
550 IH Chopper
1014 Hesston Mower Cond.
NH 479 Haybine
NH 770 Chopper, 2 Row Wide & Pickup
JD 894 Rake
IH 430 Baler w/Thrower

COMBINES:
915 Combine, Low Hours, Like New
844 Cornhead, Like New
810 13' Cutter Bar
MF 410 Gas, w/34 Cornhead & 13' Platform
KKS Gleaner, 10' Platform, 2 Row Corn head, like new
FKS Gleaner Diesel 4 Row Wide, 12' Platform
Waiver of Finance Til 9/1/83

IH 315 Hydro (For Parts)
IH 403 w. 4-Row Wide Head & 12 ft. Grain Platform
IH 315, 2-Row Wide Head
IH 205 w/227 Head
IH 203 w/2 Row Head
IH 227 Cornhead, fits 315, 205 or 203
Straw Chopper for Gleaner M
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

PLANTERS:
(2) IH 56 4-Row Planters
4 & 6 Row Cyclos, Field Ready!
IH 4-Row Front Mtd. Cultivator-Late Model
JD FBB 17x7 Comb. Single Disc, Good Shape!
JD 3 pt. 4-Row Wide Cultivator
JD FBB 17x7 DD
IH No. 10 13x7 Plain Drill
IH No. 10 16x7 Single Disc, Comb., Hyd. Lift
IH No. 10 16x7 Single Disc, Comb.
IH 510 21x7 DD Plain Drill
Oliver 24x6 Combination Drill
MF 13x7 Comb. Drill
Ontario 16x7DD Plain, Late Model
IH 510 18x7 DD, Plain Drill

MATERIALS HANDLING:
IH 1850 Loader
Century 300 Gal. Sprayer
Hansen 300 Gal. Sprayer, 42 Ft. Booms
157 Hawk Bilt Spreader - $995
Int. 550 Spreader w/End Gate
Int. 540 w/End Gate - Was $1995 Now $1395

MISCELLANEOUS:
Used CP Model 250 Rotary Vane Air Compressor w/IH 282 Diesel Engine Mounted on CO 1600 Int. Truck - $3900

FARM EQUIPMENT | FARM EQUIPMENT

NH model 800 manure spreader with 19L 16.1 flotation tires and wheels, hyd. fluid endgate, fine manure pan, splash guard. Current list price - $19,206.

Selling Price - **$12,500**

Free Finance until April 1 OR
5% Cash Discount

Hutton Farm Equipment
Mahaffey, PA
814-277-5504

AVCO NEW IDEA | HESSTON | SPERRY NEW HOLLAND

JOHN DEERE *Nothing runs like a Deere*

THIS WEEK'S SPECIAL

IH 86 DIESEL
w/2350 Loader
No Finance Charge Till June 1.

Used 6600 JD Combine w/13' Grain Head and 4 RN Corn Heads

USED TRACTORS
JD 2840
JD 50
Farmall A w/Cultv, Plow & Pulley
IH 86 Dsl. w/Loader

USED CORNPLANTERS
JD 1240
JD 1260 w/monitor
JD 246

USED HAY & FORAGE EQUIPMENT
JD 6600 Combine w/Grain Platform & 4RN Corn Head
JD 3940 Harvester w/Electric Controls
Fox 2200 Fg. Harv. w/2 heads
NH 3RN Corn Head
JD 244 Snapper Head for Fg. Harvester
JD 3RW Corn Head
NH 1002 Bale Wagon
JD 24T Baler
NH 271 & 269 Balers w/Throwers
JD 24T Baler
JD 14T w/Thrower
JD Hay Crimper
Hesston 1010 Swing Tongue.
OMC #216 9' Mower Cond.
JD 15A Chopper
NH #33 Crop Chopper
NH 27 Blower
NH 56 Rake
JD 216 Fg. Wagon w/Tandem Axle

USED TILLAGE
IH 13' Transp. Disc

MISCELLANEOUS
Oliver Fertilizer Spreader
15 HP 3 phase elec. Grain Dryer Motor

NEW TRACTORS
JD 4250 SQ MFD 15 SP, PS, Trans.
JD 2940 SG

NEW HAY & FORAGE EQUIPMENT
JD 5720 SP Forage Harvester
NH 718, 782, 892 Fg. Harvesters
JD 3940 & 3960 Fg. Harvester
JD 506 Gyamor Mower
JD 316, 327, 337 & 347 Balers
NH 311 & 320 Balers
NH 847 & 851 Round Balers
NH 488, 489, 495 & 1495 Haybines
JD 670 Rake
JD 660 Rake
NH #8 Fg. Wagon
JD 714 Fg. Wagon
H&S Fg. Wagon
H&S Bale Wagon

NEW PLANTERS
JD 7000 4 & 6 Row Consv.

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 4B Plow
JD 1600 Chisel Plow
JD 115 & 215 Disc Harrows
JD 215 Dura-Cushion Disc Harrow
Haybuster No-Til Drill Also for Rent

NEW SKID STEER LOADERS
Bobcat 743

NEW SPREADERS
NH 519
Martin V Type & Scavenger
H&S 260 & 295 Spreaders

NEW DRILLS
JD 8200 18x7

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Most Model JD Loaders & Blades

NH Finance Buyers Choice
- Cash Rebates
- No Interest Finance Available

No Finance Charge on new and used JD tractors until June 1, 1983
50 Series Tractors 3/1/83

Store Hours
Mon., thur. Fri. 7:30 to 4:30
Sat. 8:00 to 12:00

CLUGSTON IMPLEMENT, Inc.
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat | SPERRY NEW HOLLAND

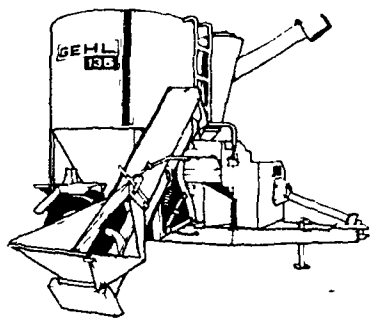
We put good ideas to work
GEHL®

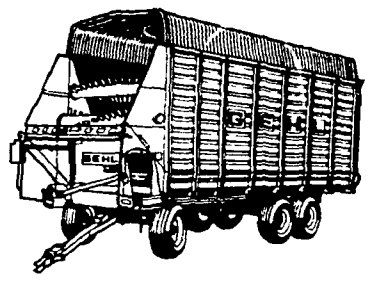
GEHL EQUIPMENT OPEN HOUSE

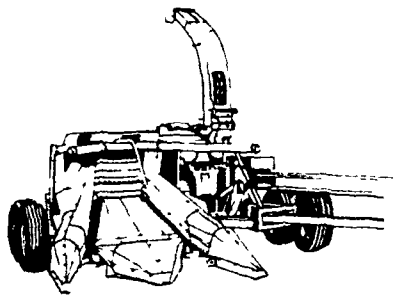
TUESDAY, JANUARY 18th, 1983

7:00 P.M. at
LEBANON VALLEY IMPLEMENT CO. INC.

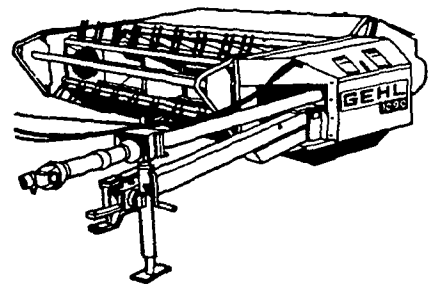
See The New Line of Gehl Equipment Displayed Inside Our Shop Area







Mix-Alls
Flail Choppers
Forage Blowers
Forage Harvesters
Forage Boxes
Running Gears
Skid Steer Loaders
Round Balers
Mower Conditioners
Bale Handlers
Bale Carriers
Hay Rakes
Disc Mowers
Disc Mower conditioners



ALSO AVAILABLE FROM GEHL

TAKE DELIVERY NOW!!
FINAL DUE DATES NEXT SPRING!!

30% Down Now
Final Due Date
April 1, 1983

or

40% Down Now
Final Due Date
June 1, 1983

Forage Harvesters
Forage Boxes
Forage Blowers
Flail Choppers
Round Balers
Mower Conditioners
Fingerwheel Rakes
Disc Mowers
Bale Handlers

You can get that new Gehl equipment **NOW** with special Delayed Payment program. And you can beat today's high interest rates by paying 30% or 40% down in cash or trade, with final due dates **NEXT SPRING!!**

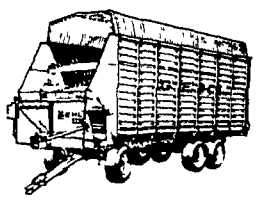
SPECIAL FORAGE HARVESTER PROGRAM
New Gehl Forage Harvesters bought with corn heads only, 40% Down Now, Final Due Date Sept. 1, 1983.

NEW GEHL EQUIPMENT AT SPECIAL PRICES

	SALE PRICE
1 only Gehl 100 Grinder Mixer, Complete Ready to go	$6,500.00
1 only Gehl 135 Grinder Mixer Complete, Ready To Go	$7,995.00
1 only Gehl 3510 Skid Loader Ford water cooled engine, complete with bucket & fork and 850x15 tires	$10,900.00
1 only Gehl 4600 Skid Loader Perkins diesel engine 44 HP with bucket & fork and 10:00x16 tires	$14,200.00
1 only Gehl 7200 Flail Chopper	$4,599.00
1 only Gehl 1090 Mower Conditioner 9 ft. cut includes hyd. cyl. and hoses	$6,100.00

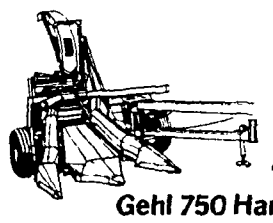
FORAGE HARVESTERS AND FORAGE BOXES AT DISCOUNTED 1982 PRICES

GEHL OPEN HOUSE SPECIALS
(WHILE THEY LAST)



BU 960 6x16 wood sides 3rd beater and roof put on your running gear at our place, ready to go **$4,995.00**

1 ONLY
Gehl 640 Forage Box only 14'x6' with roof, 3rd beater and rubber trough extension - picked up at our place **$3,595.00**



1 ONLY
Gehl 750 Harvester and Cornhead Special harvester complete with H.D. 540 PTO, manual controls, hyd. knife sharpener new 11Lx15 tires, hyd. cyl. and hoses with 2 row wide cornead
Sale Price..... **$9,250.00**
Plus Delayed Payment Program of 40% Down cash or trade balance due Sept. 1, 1983

FREE COFFEE & DONUTS

- FILMS OF GEHL EQUIPMENT IN ACTION
- GEHL REPRESENTATIVES WILL BE ON HAND TO ANSWER QUESTIONS

DOOR PRICES

5% DISCOUNT ON ALL GEHL PARTS during the Week of Jan. 17 to 22, 1983

CASH & CARRY

10% DISCOUNT ON ORDERS OVER $150.00

SPECIAL ORDER PARTS: The terms are the above discounts with a 25% deposit, balance paid when parts become available

LEBANON VALLEY IMPLEMENT CO. INC.
700 E. Linden Street, Richland, PA 17087
PH: 717-866-7518

CUSTOMER APPRECIATION DAYS

JANUARY 17 thru 22, 1983

8 A.M. to 5:00 P.M.

MF Massey Ferguson

MF Massey Ferguson

MF WINTER WARM-UP DEALS

TRACTOR REBATES AND MF FINANCE PROGRAMS

AGRICULTURAL TRACTORS

Customer Rebates

Model	Rebate
MF 230/245/154-4	$1,200
MF 255/275/184-4	$2,000
MF265	$2,800
MF 285	$2,400
MF 2640	$1,800
MF 2675/2705	$6,000
MF 2745/2775/2805	$9,000

Plus Choice of Following MF Finace Programs:

OPTION I - Waiver of finance charges to March 1, 1983

- Also available to implements sold with new MF tractors and for MF 254, 274 and 294 Tractors. Not available for MF Compact Tractors.

OPTION II - Low Rate Finance Plan

Period	APR
1 Yr. Full Payout	10.4%
2 Years Full Payout	13.9%
3 Years Full Payout	14.4%
4 Years Full Payout	15.4%
5 Years Full Payout	15.9%

MF TRACTORS IN STOCK

MF 2705 DIESEL

120 HP w/cab, air and heater, 24 speed trans., 20.8x38 rear tires.

List $41,681.00
MF REBATE $6,000.00
DEALER DISCOUNT $7,181.00
SALE PRICE $28,500.00
Plus 2% Cash Discount

MF 285 DIESEL

81 HP M.P. Trans 18.4x34 tires, dual hyd. outlets, flap top fenders

List Price $25,794.00
MF REBATE $2,400.00
DEALER DISCOUNT $4,394.00
SALE PRICE $19,000.00
Plus 2% Cash Discount

MF 245 DIESEL

42 HP 8 speed trans., single hyd. outlet, Ind. PTO with diff. lock

List Price $16,082.50
MF REBATE $1,200.00
DEALER DISCOUNT $2,482.50
SALE PRICE $12,400.00
Plus 2% Cash Discount

MF 2640 DIESEL

90 HP w/Cab, Air and Heater, 16 Speed Trans., 4 Wheel Drive, 18.4x38 Rear Tires

List $42,093.00
MF REBATE $1,800.00
DEALER DISCOUNT $7,598.00
SALE PRICE $32,695.00
Plus 2% Cash Discount

MF 274 DIESEL

55 HP 12 speed trans., 4 wheel drive dual hyd. outlets

List Price $19,557.00
DEALER DISCOUNT $2,832.00
SALE PRICE $16,725.00
Plus 2% Cash Discount

MF 230 DIESEL

34 HP 6 speed trans., 12.4x28 rear tires

List Price $11,724.00
MF REBATE $1,200.00
DEALER DISCOUNT $1,529.00
SALE PRICE $8,995.00
Plus 2% Cash Discount

MF 205 DIESEL

20 HP 6 speed trans 8.3x24 rear tires

List Price $6,157.00
DEALER DISCOUNT $907.00
CASH PRICE $5,250.00

USED TRACTORS IN STOCK

- MF 2705 Diesel, 120 HP, 24 speed trans., with cab, air and heater, 23.1x34 rear tires, year 1978, 1270 hrs.
  Average Resale Value $27,496.00
  OUR SALE PRICE **$22,800.00**
- Ford 8600 Diesel 105 HP, 16 speed dual power trans. 18.4x38 radial rear tires, year 1976, 1615 hrs.
  Average Resale Value $13,200.00
  OUR SALE PRICE **$12,500.00**
- MF 285 Diesel 81 HP, 12 speed M.P. trans., 18.4x34 rear tires, dual outlet hyd., year 1978, 920 hrs.
  Average Resale Value $16,000.00
  OUR SALE PRICE **$15,500.00**
- MF 275 Diesel 67 HP, 8 speed trans., 18.4x26 rear tires, year 1976, 1610 hrs.
  Average Resale Value $12,350.00
  OUR SALE PRICE **$10,900.00**
- MF 275 Diesel 67 HP, 12 speed trans. M.P. 16.9x28 rear tires, Ind. PTO, year 1980, 460 hrs.
  Average Resale Value $16,500.00
  OUR SALE PRICE **$14,800.00**
- MF 30B Tractor Loader with cab, instant reverse trans., diesel engine, 45 HP, 34A loader with bucket, new tires, year 1978, 2,500 hrs.
  Average Resale Value $14,750.00
  OUR SALE PRICE **$13,250.00**

NEW MF EQUIPMENT WITH DISCOUNTED PRICES

BALERS

- MF 124 complete with 22 Bale Thrower and mech. steering hitch

List Price $8,670.15
DEALER DISCOUNT 770.15
SELLING PRICE ... $7,900.00

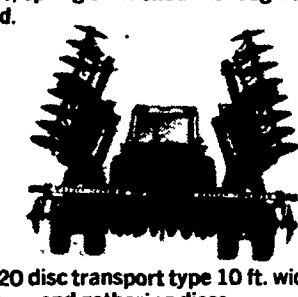
- MF 120 Baler with wagon loading chute and hitch
  List Price $6,125.00
  DEALER DISCOUNT $925.95
  SELLING PRICE ... $5,200.00

MF WHEEL TYPE HAY RAKES

- MF 29 4 wheel mounted
  List Price $1,000.00
  DEALER DISCOUNT 150.00
  SELLING PRICE $850.00
- MF 39 6 wheel pull type mech lift
  List Price $2,266.30
  DEALER DISCOUNT $266.30
  SELLING PRICE ... $2,000.00

MF DISC HARROWS

- MF 820 wing disc transport width 12½ ft. working width 21 ft. 22" 6 gauge disc blades, spring cushioned with regreaseable bearings, new tires and lift cyl. included.



List Price $12,675.00
DEALER DISCOUNT 2,925.00
SELLING PRICE ... $9,750.00

- MF 520 disc transport type 10 ft. wide, 22" dia. disc with regreaseable bearings, scrapers and gathering discs
  List Price $4,125.40
  DEALER DISCOUNT 850.40
  SELLING PRICE ... $3,275.00

MF PLOWS

- MF 129 Mounted Chisel Plow, 8 spring cushioned shanks, long type 3 bar frame for more thrash clearance
  List Price $2,183.00
  DEALER DISCOUNT 608.00
  SELLING PRICE ... $1,575.00
- MF 345 moldboard plow hyd. automatic reset, 3 bottom, 3 point mounted
  List Price $3,248.25
  DEALER DISCOUNT 973.25
  SELLING PRICE ... $2,275.00

GRAIN DRILL

- MF 33 grain & fertilizer 17 hole 7" spacing, double disc staggered openers includes hyd. lift, foot boards, grass seed box and new tires.
  List Price $4,545.95
  DEALER DISCOUNT 1,270.95
  SELLING PRICE ... $3,275.00

CULTIVATOR

- MF 428 4 row 3 point tool bar type cultivator
  List Price $2,150.00
  DEALER DISCOUNT 525.00
  SELLING PRICE ... $1,625.00

SCRAPER BLADE

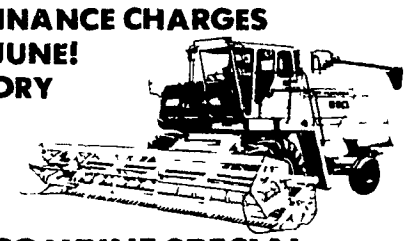
- MF 6 ft. 3 point
  List Price $426.00
  DEALER DISCOUNT 31.00
  SELLING PRICE $395.00

Massey-Ferguson

Winter Warm-Up!

The best time to buy that new MF Combine is right now... with dollar-stretching Winter Warm-Up offers!

- **FREE CUTTING HEADER**
- **PLUS NO FINANCE CHARGES TILL NEXT JUNE!**
- **FREE FACTORY TOUR**



HURRY! OFFERS MUST END SOON

MF 550 COMBINE SPECIAL

Diesel engine, hydrostatic trans., cab w/air and heater, electro-magnetic header throw out clutch, automatic header height control, straw chopper, 28Lx26 tires.

List Price $62,213.00
DEALER DISCOUNT .. $9,213.00
SALE PRICE .. $53,000.00

Plus 2% Cash Discount

Remember, floating cutter bar header and reel at no extra charge.

REPAIR SHOP DISCOUNT

10% DISCOUNT

On All Labor Charges On MF Equipment Repaired Over $200. This Work Must Be Scheduled The Week of Jan. 17, 1983.

FREE COFFEE & DONUTS ALL WEEK

USED MF EQUIPMENT

- MF 510 Combine diesel engine with cab, 12 ft. grain table with pickup reel, 4 row wide row corn head, non-quick attach
  Sale Price **$8,500.00**
- MF 880 6 bottom 18" auto, hyd. reset spring cushioned colters, gauge wheel and coverboards with on land hitch used approx. 200 acres
  Sale Price **$7,500.00**
- MF 124 baler with thrower and hyd. steering, good condition
  Sale Price **$3,600.00**
- MF 33 grain & fertilizer drill 17 hole with grass box, good condition
  Sale Price **$1,775.00**

- MF 236 quick attach loader with mounting kit 72" bucket control valve & hoses, like new condition
  Sale Price **$2,250.00**

LEBANON VALLEY IMPLEMENT CO., INC.

700 E. Linden Street Richland, PA 17087

717-866-7518

CUSTOMER APPRECIATION DAYS

January 17-22, 1983
8:00 A.M. to 5:00 P.M.

MF Massey Ferguson

MF PARTS & SERVICE SPECIALS

10% DISCOUNT On All MF Parts, Cash & Carry During The Week of January 17-22

10% DISCOUNT ALLOWED ON SPECIAL PARTS ORDERS WITH REQUIRED 25% DEPOSIT. BALANCE TO BE PAID ON AVAILABILITY OF PARTS.

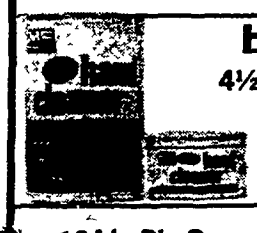
CHEMICALS

10.8 oz. **Penetrating Oil MF** SALE **$2.95**

19 oz. **Engine Degreaser** SALE **$3.35**

Starting Ether SALE 8.3 oz. **$1.60** Case $18.20

11 oz. **$1.85**

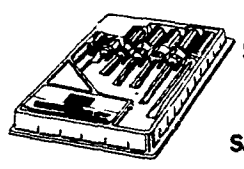


HAND CLEANER
4½ Lbs. SALE **$6.00**
Dispenser List $14.55
SALE **$12.85**

PRESSURE WASHER CHEMICALS

	List	SALE
• 10 Lb. Pk, General Purpose	$20.05	$16.50
• 1 Qt. Spray Wax	$6.63	$5.75
• 10 Lb. Pk. Heavy Duty	$19.53	$16.25

MF HAND TOOLS — 10% OFF REGULAR PRICE

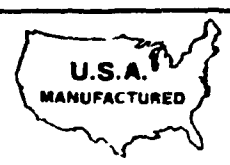


7 Pc. Screwdriver Set List $20.21 SALE **$13.75**

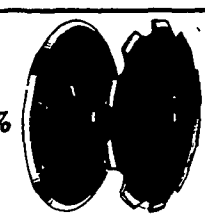
Slip Joint Pliers SALE **$3.95**

8 Ft. Steel Tape Measure SALE **$4.20**

MF DISC BLADES



- 60% Tougher-to resist cranking & splitting
- 20% longer wearing than other blades
- Extra Strength - true fracture strength is 10% greater.
- Recondition your disc harrow and receive Direct Ship Prices.



20" Plain 7 ga. 1-1/8x1-1/4 Dual Sq. $18.10	22" Plain 6 ga. 1¼x1½ Sq. Rd. $24.95
22" Plain 6 ga. 1-1/8x1-1/4 Dual Sq. $24.95	22" Plain 6 ga. 1½x1¾ Sq. Rd. $24.95

10 OR MORE BLADES... 10% OFF

TWISTED CHISEL POINTS

- Heat Treated for longer wear and metal toughness
- Fit 2¼ • 2½ Centers For ½ Plow Bolt
- ½" thick for longer wear

15% OFF Regular Price

DF 4995UCR 3"x½"x22" R.H.
DF 4995UCL 3"x½"x22" L.H.

TILLAGE PARTS

Shins
Plow Shares
Landsides
Moldboards
15% OFF List Price

HYDRAULIC & TRANSMISSION OIL

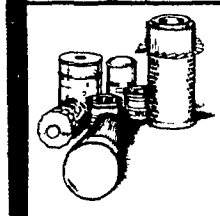
15% OFF Regular Price
(Bring Your Own Containers And Get Bulk Price)

GREASE TUBES

MF "Engineer Approved" MF 1105 grease is a premium "EXTREME PRESSURE" multi-purpose lithium grease. Timken approved for big applications.

14½ oz. Tube $ **9.00** box of 10
$42.50 Case of 50

FILTERS



- Air -
- Engine -
- Fuel -

15% OFF Regular Price

GREASE GUNS

	List	SALE
Lever 10,000 PSI	$9 15..	$7.95
Pistal 6,000 PSI	$16 74	$14.95

HYDRAULIC CYLINDERS

3"x8"
$57.90

- Double Base Ports
- 2500 psi working pressure, 4000 psi intermittent & shock
- Hardened, chrome plated piston rods

MF STEEL GUARDS

- Made of forged steel for stronger guard.
- Case hardened for longer life.

30029E1	30028E1	30036E1
N.H., J.D., M.F. (all combines) New Idea (platform #711, 713, 715)	Hesston, N.H. (all windrowers) Field Queen (620 windrower)	John Deere (mower #250-350) Ghel (mower conditioner)
$4.60	**$5.25**	**$6.35**

MF CUTTER BAR SECTIONS

Smooth, sharp cutting edges for every purpose are available from Massey-Ferguson. Select the edge style, thickness, shape and finish for your exact requirements from the wide assortment offered. Massey-Ferguson chrome plated sections offer the best performance. .resist acid and rust, gumming and provide extra long life

Rigid 146503M1 • 100 Thick
List...96¢...**80¢**
Box of 20... **$15.20**
Floating 1053209 M1 .115 Thick
List $1.03... **85¢**
Box of 20... **$15.20**

MF BATTERIES

12% OFF List Price

- Batt. Terminal Ends.... **75¢ ea.**
- Batt. Terminal Puller.... **$8.40**
- Batt. Terminal Brush.... **$3.70**

BATTERY CHARGERS

	List	SALE
• 20 AMP, 100 Amp 30 Sec. Boost.	$116.10	$90.00
• 6 Amp	$53.90	$45.00
• 1 Amp Trickle	$12.85	$11.00

BOOSTER CABLES

- 12' 6 ga. 400 amp **$20.00**
- 16' 4 ga. 400 amp **$26.00**
- 20' 4 ga. 400 amp **$31.00**

"PERSUADER" BATTERY BOOSTER CABLES

- Tough cables flexible to 70° below zero
- 100% Copper wire
- Copper plated jaws — use on top or side post
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- 20 ft length ideal for starting combines

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MF Massey Ferguson

Lebanon Valley Implement Co., Inc.

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- GLENCOE - Chisel Plows, Soil Savers & Soil Finishers
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- LITTLE GIANT - Elevators
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- BRADY - Chisel Plows & Stalk Busters
- CENTURY - Sprayers
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on
Model 275 Moridge Dryer, 275 Bu.
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7 Tooth Soil Saver with long frame for more trash clearance
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Model 252 w/gratz chain and 250 Bu. capacity includes hyd. endgate
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For behind your disk, field harrow or chisel plow all sizes in stock.
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All sizes - prices start at **$135**

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Chisel plow, mounted 7 tooth with 3"x½" twisted shanks
List Price $1450
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2 row chopper with wagon loading spout
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8 HP rear tine tiller with 4 forward and reverse speeds
24" wide
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Selling Price **$795**

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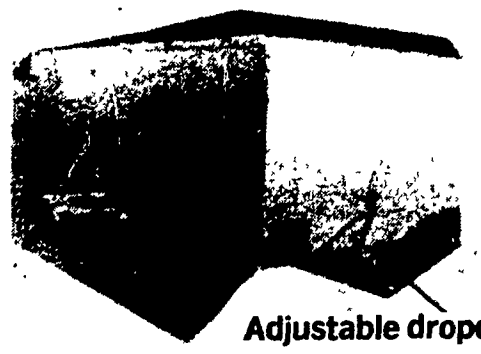

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8C Hydra-Mac Skid Loader
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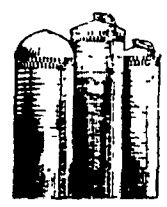

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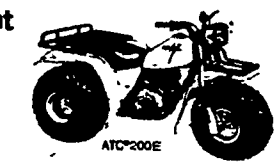

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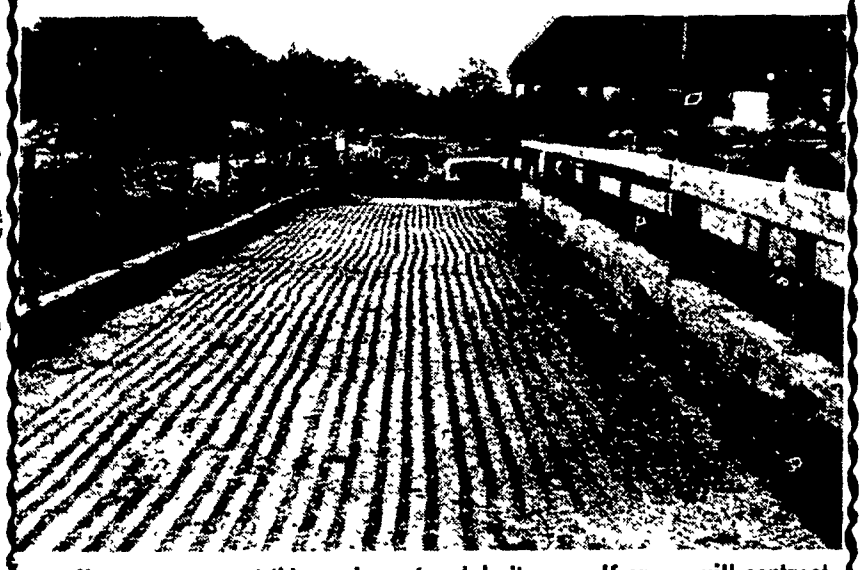

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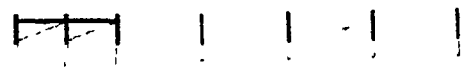

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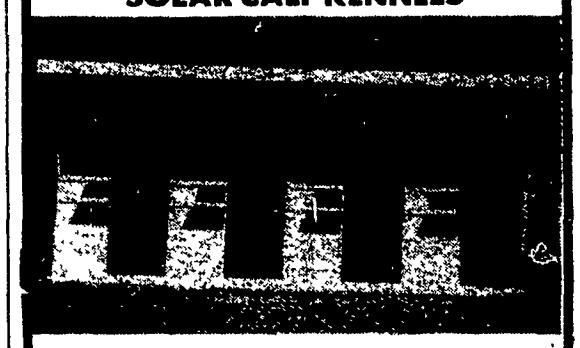

The kennel has 4- 4'x8' individual pens, is on treated skids, hay racks, feed troughs, bucket racks included. We make them any size or color made by order. Also calf shelters for older calves or heifers.

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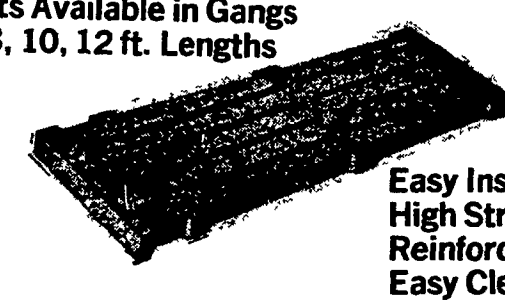

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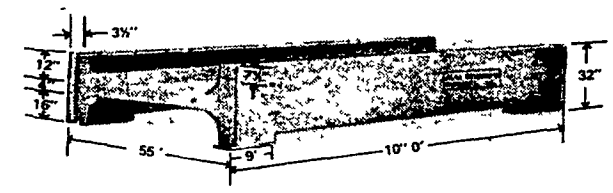

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Polled Herefords - 6 bred heifers, 20 cows, due early spring. Chester County. 215-269-1994 evenings

For Sale - Reg. Service age bull, sire Jemini, dam Very Good Fleetridge Monitor w/24,000. Bull is a full brother to 9H750 at Sire Power, price, $900, Juniata Co. 717-535-5815

For Sale - Registered Simmental Polled Bull sired by Renz. Also seven brood cows due in Spring and Three Heifers. 717-334-7565

Purebred Angus bull, 14 months, growthy, ready to use, no registration, certified and accredited herd. 717-467-2746

Herd of 30 top quality Registered and Grade Holstein cattle, some of the sires are Jemini, Chris and Milestone. Sires used Chairman, Sexation, Spirit and Bubbler. Various stages of lactation, 10 just fresh. Best reasonable offer. 301-733-7281

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CATTLE

For Sale - 12 reg. Holstein cows, sires include Elevation, Astronaut and Ivanhoe Star, bred AI, all 2, 3, 4 yr. olds, in various stages of lactations, group priced at $1200 or individually priced. 215-869-3502 after 6 p.m. Chester Co.

For Sale - Fresh reg. Holstein first calf heifer. 215-295-5319

For Sale - 4 3 yr. old cows, best record of the 4, 305D, 19,980M, 938F, 1 bred heifer, all cows due within 1 month. Glen-Ett Farm, Juniata Co. 717-527-4772

For Sale - Reg. service age Holstein bulls, #1 - Pete son out of 3 generations VG and over 23,000M. #2- Astronaut son out of Marvex, NC, next 3 generations VG or EX over 22,000M. Also springing Reg. Holstein heifer for sale. Shelmar Acres 717-653-5663 Lancaster Co.

Reg. Jersey cow, priced to sell, 10 head, fresh and various lactations, some first calf heifers, certified and accredited herd. 814-398-8073

Small Holstein herd some A-1 sired just fresh or close springers, good udders and health charts $750-$1000 717-263-5702 or 264-4298

For Sale - 13 Bred Holstein heifers, vaccinated, tested, due to freshen soon. M. Button 1-717-965-2492 after 6 p.m.

Three Guernsey heifers, six Guernsey cows, all springing, vaccinated. 215-269-1994 eves.

For Sale - herd of 38 Holstein cows on DHIA test, AI breeding, if possible would like to buy heifer calves back. 717-229-2055 between 12 & 2 p.m.

30 crossbred beef cows for sale, 1 Simmental bull, 1 Registered Polled Charolais bull. 717-275-1738

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Reg. Angus bull, born 4/10/82, Adventure bloodline, also grade Angus cows, bred for 1983, 814-735-3293.

Well started purebred bull calves, one Chairman son out of Gay daughter, one Jemini son, excellent records and backgrounds. Make offer. John L. Stoltzfus, Box 1258, Cochranville.

For Sale - 3 yr. Registered Black Percheron Stallion. Drake Farms Chief Bloodlines. Leroy Yoder, Rt. 5, Box 704, Dover Del. 19901

CATTLE

Purebred Charolais cow, bred to Excalibur, with Crown bull calf (2 mo.) at side. York 717-432-5731.

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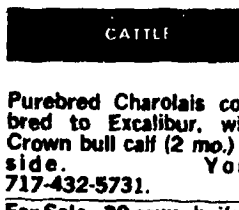

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BUSY ACRE FARMS

We will be consigning 30 Top Bred Gilts (Durocs, Yorkshires, Spotted) to Pa. State Farm Show Sales on Jan. 10-11, 1983. Most of them will be the same breeding as our top pen of Yorkshires Over All breeds, 1982 Penn State Boar Test; Top Full American Blood Durocs Over All Breeds, 1981 Penn State Boar Test; our most recent wins: Champion Carcass 1982 Yorkshire State Show and Champion Yorkshire and Spotted at Keystone Exposition.

30 Bred Gilts to be farrowed in February for sale at the farm. These Bred gilts will make top Club Pig Projects to show next Summer and Fall.
Brucellocis Free Herd #26 Pseudorabies Free Herd #18

Breeding Stock for sale at all times.

Production Sale February 26, 1983 at the Farm.

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YORKSHIRE AND LANDRACE boars and gilts of all ages. Pseudorabies negative tested boars for sale at all times. Production tested, certified meat tested, Show winners with many carcass champions. Daily drive-in and drive-out service. Reno H. Thomas, Beavertown, PA 17813. 717-658-5821.

For Sale
Duroc and
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Rd 5, Box 428
Manheim, PA 17545
717-665-6220 Mark
717-665-2588 John

For Sale - Yorkshire Service Boars. Elwood E. Houser, 2150 Quentin Rd., Lebanon, PA 17042. 717-272-5798 or 273-2921

Primarily large white and Landrace cross gilts for sale out of a highly productive unit. Write to Melvin K. Fisher, 25 Quarry Rd., Paradise, PA 17562. Lancaster Co.

35 Yorkshire & Hampshire Large bred gilts; Yorkshire and Hampshire service age boars ready for heavy service, 60 open gilts ready to breed, also 50 crossbred F1 open gilts, all of high quality. Delivery available. John Strawbridge 301-996-2022

Yorkshire boars, breeding age, grouped lots. Millers Yorkshire Farms, R.D. 1, Box 1366, Spring Grove, PA 17362. Call 717-225-1926.

For Sale - Hampshire and Berkshire boars, service age. Terry Bennecoff 215-285-6582.

For Sale - Spotted bred gilts, Chester White, Spotted boars and open gilts. Delivery available. James Parlett, Airville, PA 717-862-3610

Duroc, Yorkshire and Spotted F-1 bred gilts for sale. Due Dec., Jan. and Feb. Also boars and open gilts. Same breeding as Top Pen of Yorkshires over all breeds as at Penn State 1982 and Top Pen Full American blood Durocs over all breeds '81 tests. All boars gaining over 2 lbs a day. Also feeder pigs at times. Brucellosis free herd 26, and Pseudorabies free 18. Calvin H. Lazarus and Sons, 4290 Bridge Street, Whitehall PA 18052, 215-799-3375 or 3831

Registered Hampshire, Yorkshire, Landrace Boars, Bred and open Gilts, also Rams, Ewes. Preston Bankert. 717-244-1244

20 Yorkshire bred gilts, due February. Millers Yorkshire Farm R.D. 1, Box 1366, Spring Grove, PA. 17362

Poland-China boars. Great for crossing on your white sows to improve their soundness and carcass. Reasonable prices. Ed Brummer and Sons, R.D. 2, Port Royal, PA 17082. 717-527-4061

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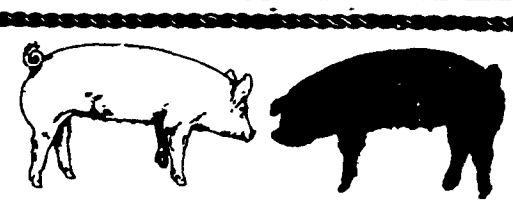

Our FARM SHOW bred gilt consignments
DUROC'S to be sold Monday, Jan. 10
11:30 A.M.
Lot #163 Due Feb. 8 to "MOTOR"
Sire: "LEXINGTON"
(Littermate to top pen Duroc boars, Pa. Test 1982)
Lost #164 Due Feb. 2 to "EXTRA"
Lot #165 Due Feb. 10 to "EXTRA"
Sire: "MOTOR"
YORKSHIRES to be sold Tuesday, Jan. 11 10:00 A.M.
Lot #508 Due Feb. 1 to "LOUIS"
Lot #509 Due Jan. 26 to "BLUE HEN"
Lot #510 Due Jan 29 to "LOUIS"
Lot #517 Due Jan. 27 to "LOUIS"
Lot #519 Due Jan. 23 to "GOLIATH"
These gilts sired by "FUTURE"
Lot #511 Due Jan. 21 to "LOUIS"
Lot #513 Due Jan. 25 to "LOUIS"
Lot #514 Due March 2 to "GOLIATH"
Lot #515 Due Feb. 11 to "GOLIATH"
Lot #516 due Jan. 21 to "GOLIATH"
Lot #518 Due Jan. 22 to "LOUIS"
These gilts sired by "CLASS"
Lot #512 Due Feb. 1 to "GOLIATH"
Sire: "LUKE"
Average litter size was 12.2 born 10.4 weaned
Duroc boars
Seven immediate service
Ten February service
Yorkshire Boars
Six immediate service
Thirty February service
Priced $400 to $600. Group Discounts.
Free daily delivery to PA FARM SHOW

Call or Write

Yorkshires	Durocs
Leon L. Arnold	Lawrence Arnold
Rd. 7 Box 705	1245 Cumberland St.
Lebanon, PA	Lebanon, PA
717-273-5880	717-272-9827

SWINE

For Sale - Duroc boar, big enough to service sows or gilts, some breeding experience, aggressive and sound, from Midwestern bloodline. Rick Pfautz, RD 1, Stevens, PA 215-267-3739

50 feeder pigs, Amos Miller, 238 Newport Road, Leola, PA

5 bred gilts due in February. 717-768-3832

For Sale - Purebred Duroc, boar's service age, eight months old, phone 717-463-2463, Nale's Brothers, McAlisterville, PA.

For Sale - Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines, Willow Glen Farm, R1, Box 221 Strasburg, Pa. 17579, 717-786-2562

Yorkshire Service Age Boars Pseudorabies and Brucellosis free herd. Red Run Farm, Joel Stern R2 East Berlin, Pa. 17316 717-292-4634

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Semen For Sale - 25 straws Oak Green Virginian, $10 per straw or $220, for all. 10 straws Carnation Glenview Joe, $10 per straw. Call after 4:30 p.m. 914-482-4330 N.Y.

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Cable Splicing, new number 717-672-2003

Two 450', two 350' Big Dutchman poultry feeders, used; Also waterers w/stainless steel troughs. Will sell all or part. Best offer. 717-872-5924

2 Stanomatic gasoline engine powered poultry feed carts for cage feeders. Also, cages. Make offer. 717-235-1681

Wanted - brooder house or similar building. Also market wagon. Jacob Peachey, 3841 Ridge Road, Gordonville, PA 17529.

10 ton feed bin and Lee 1000 lb. feed cart, never used, 717-566-2749 after 4 p.m.

Berks Co. Poultry Farm For Sale - 20 to 50 acres available. 35,000 bird layer house on contract, excellent condition. 2 bedroom mobile home or will sell entire 60 acre farm. 215-562-7776

8 Big Dutchman corner drive chain feeders with 4000' chain and trough; 2 Burch egg coolers. 717-529-2512

POULTRY & SUPPLIES

BABY CHICKS - Hubbard Leghorns, Golden Comets, Cornish Giants, Barred Rock, Reds and other breeds. Also turkeys, ducks, geese, guineas, and game birds. CASE HATCHERY, 79L Brodbecks, Pa. 17329. 717-235-2050

Ready To Lay Pullets Available
January 10, 1983
Local, Cage Grown
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We buy, sell and haul all kinds of poultry.
Yank's
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Local Area Egg Marketing Company has An Opening For A 10,000 To 12,000 *Bird Capacity Brown Egg Laying* Contract Flock For Housing July or August of 1983.
RW SAUDER
576 Furnace Hills Pike
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FOR SALE

1 12 Ton Feed Bin
1 Auto. Generator System
Water Fountains And Fans

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Cured Shawings & Sawdust Mixture for Broiler & Turkey Houses & Horse Barns.

Delivered anywhere
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* Fowl
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JACK MINTZ POULTRY
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FEED & SEED

Buyer of shelled or ear corn. John J. Hoober, Inc., Bonnville, Pa. Ph. 717-768-8481 or 768-3216.

Wanted - Ear corn, good quality only. Will pickup at your farm. Ken Miko, RD 3, Schuylkill Haven, Pa.717-739-4586.

For Sale - Oyster shells. Contact Nelson Weaver & Son, Inc., Lititz, PA 717-626-8538

Shelled corn for sale. 412-794-3863

Will buy moldy grain. 301-833-1847

Wood shavings, sawdust, kiln dried; bag or bulk, year round supply, excellent quality hay, straw and all horticultural products. Jerry Migli, Hobart, NY 607-538-9492

ProLasse 8%
All Natural Molasses Base Liquid Protein. Make sweet feed with any PTO mixer. Wholesale, retail from manufacturer, dealer inquiries invited. Call collect. 301-343-0343

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Quality alfalfa, mixed hay and straw, delivered anywhere, Martin Brothers, Olivet, Michigan, 517-543-1642

Nice, bright wheat straw, Stump Acres, 717-792-3216, York Co.

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Peanut Hulls,
Sawdust & Shavings
Hay & Straw
Bulk - Bagged - Bales

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If no answer 717-529-6305

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BREWER'S GRAIN
Wet and Dry
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Buying Ear Corn
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- Fast unloading
- On spot payment

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Ben Kreider
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Prompt and Courteous Service
Delivery available to all areas
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Large round bales, excellent quality, Timothy Orchard Grass mixed, $40 to $45 per bale loaded.

At present we are sold out of large square Hesston bales, but we do have available small bales of grass hay w/a little alfalfa mixed in and third cutting alfalfa in small bales.

CALL FOR PRICES

Also available 200 to 400 tons of excellent quality haylage, testing 16.5% protein and 63% TDN, paltability is excellent, $35 per ton loaded.

DELIVERY AVAILABLE
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Ear Corn & Shelled Corn
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Suitable For Horses, bright, cleaned, dust free, in 40 lb. paper bags, $3.25 per bag.
Delivery Available
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3,000 tons available at low prices
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Shelled corn and soybeans
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Delivered within 100 mile radius of Harrisburg, in 15 ton loads.

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For Sale
Delivered in trailer or straight truck lots. Covering MD, DE, NJ and PA.
Test analysis show analysis up to 33-69-32.
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USE POULTRY MANURE AND SAVE FERTILIZER DOLLARS

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Dry fertilizer attachments for Holland transplanter $525 for both, new cond., 717-587-4839

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100% thru 100 mesh
45% CaO, 80% CaCO3
3% Potash, USDA tested and proven. ENP=80. Only $4.00 per ton F.O.B. Bangor, Penna.

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Granulated, dust Free 54% Ca0; 96% CaCO; university tested and proven. $10.00 per ton F.O. B. Baltimore or New Jersey.

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1000 bu. load @ $80 per load

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Soybean roasting on your farm. Dale L. Schnupp, RD 6 Lebanon, PA 17042. 717-865-6611

Will haul hay, straw and livestock. 717-627-3839 or 626-6904

Farm and home construction. All types of buildings, masonry, concrete repair work. Will travel. Free estimates. I.S. King Co. 717-284-2665

Carpentry and Masonry work on pole, frame and block buildings. Write Aaron K. Smucker, Strasburg RD #1, Box 188, 17579, 717-786-2528

Grain Hauling w/650 bushel truck. Also general hauling. Robert Witmer 717-464-2628

Experienced farmer will do your milking. 1-215-593-6073

Experience married person to work on dairy farm. Call anytime. 717-733-9435

NOTICE!! 10% off on parts for Wisconsin or Briggs & Stratton engines scheduled for service before March 1. Cheaper rates to sharpen lawn mowers. STOLTZFUS ENGINE SERVICE, STUMTPOWN ROAD, BIRD-IN-HAND, PA. ½ mile E. of Witmer

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Concrete manure tanks above and below ground. Will design and build to fit your needs and condition. D.E. Stoltzfus Construction Company Fleetwood, PA 215-944-0404

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Roofing, Siding
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HELP WANTED

Wanted - Dairy farm consultant, fulltime, transportation and expenses provided, Lancaster County area. Benefits package. Send written resume to P.O. Box 366 J-258 c/o Lancaster Farming, Lititz, Pa. 17543

Retired? New Jersey Association seeks enthusiastic farmer to manage farmstead and oversee limited research/education program with local universities and schools. Write: SBMWA, R.D. #1, Box 263A, Pennington, NJ 08534 or call (609) 737-3735

Man wanted to work on hog and beef farm, Hershey area, should have knowledge of construction, must be able to drive 8 ton truck, must be able to do minor repair work. Send resume to Warren Snyder, 288 Hoernerstown Road, Hummelstown, Pa. 17036

"WANTED Salesman for established wholesale farm equipment and lawn and garden distributor, travel northeast quarter of Pennsylvania calling on Farm Equipment dealers. Write P.O. Box 366 J-257 c/o Lancaster Farming, Lititz, Pa. 17543

Sheep and beef farmer needs cook and help working farm. Must be 18 yrs. or older, willing to live in. Will answer all replies, write to Lancaster Farming, PO Box 366 D-22, Lititz, PA 17543

Experienced salesperson with knowledge of milking, dairy equipment and dairy operation. 717-273-6232

GOVERNMENT JOBS Immediate openings. Overseas and domestic $20,000 to 50,000 plus a year Call - 1 (312) 931-7053 Ext. 1370A

Person to work on a dairy farm. Milking, etc. 717-898-7689.

Dairy Farm help wanted, top wages, modern facilities, good and dependable milker, hot and utilities, experience desired, references. 201-369-3936 12-6 p.m.

CUSTOM WORK

We custom build double chain wooden feed conveyors and tapered board feeders. We welcome dealer inquiries. Samuel K. Stoltzfus, 550 Beechdale Road, Bird-in-Hand, Pa. 17505

Custom hire the following services this spring rather than buying expensive new equipment; chisel plowing, disking, conventional and no-till corn, soybean, and forage planting. Can handle large acreage in Chester and Delaware Counties. Call 215-946-4407 or 215-459-4711

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FEED HANDLING SPECIALIST

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CORN - HAY - OTHER
For the progressive farmer who wants to know WHAT he's feeding WHEN he's feeding it.

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HOG - DAIRY - BEEF
Gossett fed is Bottom Line Better

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We'll milk 'em your day off
November 15 thru April 15; also July

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☐ **FEED LOT EQUIPMENT**
MIXERS - FEEDERS - CONVEYORS

HELP WANTED

Loan Officer - desirable characteristics include agricultural background, knowledge of accounting and finance principals, college degree desired. Position open in Chester Co. Exc. benefits. Opportunity for advancement. Salary commensurate with ability. Send resume in confidence to Southeast Farm Credit Service, PO Box 14, West Chester, PA 19380. Equal Opportunity Employer

Assistant Herdsman Position

Knowledge of milking, feeding, heat detection, and farm machinery required.

Send reply to
P.O. Box 366 A-46
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Lititz, PA 17543

Working horseman with small family for Broodmare farm in MD. Excellent working conditions, new house.
Write Box 68
Butler, MD 21023

Husband-wife team experienced in all phases of dairy for modern 100 cow set-up in south eastern PA. Minimal field work, very good house, good wages, plus other benefits. Only reliable, clean persons need apply. References and resume. **Write to Lancaster Farming, PO Box 366 J-263, Lititz, PA 17543**

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Sales person with dairy background. Experience to operate a route supply truck from farm to farm. Good benefits, salary plus commission, Capable of earning $15,000 to $25,000 per year. Area covers southeastern Penna.

Write P.O. Box 366 J-261
c/o Lancaster Farming, Lititz, Pa. 17543

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Aggressive, creative and highly motivated person to manage the marketing and sales of forage management systems. Basic responsibilities implement our marketing plan and recruitment and train sales persons. Must have sales management experience and a background in animal nutrition. Salary commensurate with experience. Inquiries held in strict confidence. Call or write Richard L. Weaver, Keystone Energy-Pak Systems, Inc., P.O. Box 266, Myerstown, PA 17067, Phone 717-866-5708.

We Have Openings For Experienced Farm Equipment Associated Persons.

- **Business Management**
- **General Mechanic**
  Engines - Gas & Dsl., Hyds. & Electrical

Applicants Must Have Tools, Basic Experience & Ambition To Work. We Will Finish Training.

Please Send Resumé To:
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c/o Lancaster Farming
P.O. Box 366
Lititz, PA 17543

SITUATIONS WANTED

INCREASE YOUR BUSINESS!
Person with 10 years background in agricultural sales available. Experience in territory and sales management with several companies - which also included; setting up dealer networks. My current employer knows I am running this ad. Write to P.O. Box 9, Lampeter, Pa. 17537

Young woman wants work milking and doing off jobs on a dairy farm in the State College/Bellefonte area. Call Cindy after 6 P.M. 717-762-8597

HELP WANTED

SITUATIONS WANTED

Young married couple seeks position on dairy farm, reference available. Call 215-267-7205

Christian young man, 21, desires job on farm or Ag Business. Experience in dairy, poultry and also feed mill. Call after 5 717-266-7153

Wanted - first mortgage money. Write PO Box 366 J-260 c/o Lancaster Farming, Lititz, Pa. 17543

Herdsman, mid 30's, A.I., animal health, records, milking, field work optional 301-692-6886

Amish Mennonite would like milking job in Lancaster area. 717-656-8652

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Own your own business. Manufacture cultured marble products, vanity tops, wall panels, etc. All molds, machinery and raw materials. $7,500. Call 215-693-5021

TRUCKS & TRAILERS

BUSINESS OPPORTUNITIES

Excellent Opportunity to sell all kinds of Lancaster County products. Space available at the Indian Walk Farmers Market and Country Shops. Located in central Bucks County Call 215-493-9400 or write Sam Willard, Rt. 313, Fountainville, PA 18923

TRUCKS & TRAILERS

BUSINESS OPPORTUNITIES

Border Collie puppies for sale, 6 wks., old, Chester Co., 215-869-8745

TRUCKS & TRAILERS

Diamond T truck, new paint, new Cummins 205, 600 bu. capacity, reasonable. 201-788-5689

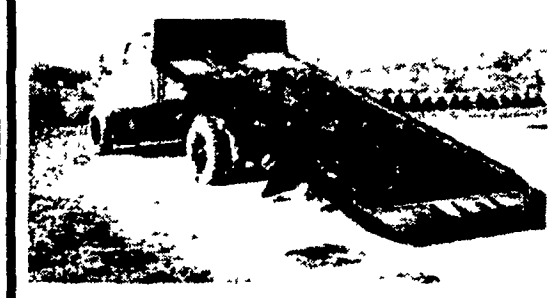
Bo-Cat live bottom trailer, 13'6" high, 40' long, radial tires, good condition. 717-438-3354.

TRUCKS & TRAILERS

1969 Chevy C40 truck, 12' stake body, 350 V-8 motor and 4 speed transmission, in good cond., $1,700. 301-836-1280. Harford Co.

For Sale - 1970 F-900 Ford w/22' Schwartz rollback bed; 1974 Econoline 100 w/4200 GVW load package. 717-649-5141 or 5551

1975 Chevy Crew Cab pickup ¾ ton. 215-484-2517



1969 GMC Truck with rollback bed powered by 6-71 GM Diesel, cab in poor condition

$4,800.00
Also
3-71 GM Diesel with clutch and radiator.
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EXCESS EQUIPMENT FOR SALE

(2) 1980 Fruehauf 42'x13' van
(2) 1979 Strick 42'x13' van
(1) 1979 Trailmobile 42'x13' van
Choice of any three for $8,500 each.

1964 Heil 5500 gallon liquid fertilizer tank trailer, as is, $1,500

1978 IHC COF 4070 Transtar tandem tractor, Formula 350, 9 speed, PS, AC, 1,000x20 tires, 333,000 miles, as is, $14,500.

Contact Bob Winther
Delaware Express Co.
Elkton, MD
301-398-1733

YORK, PA
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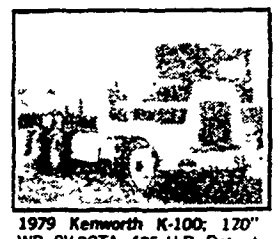
1710 Rohrerstown Road (717) 569-2648

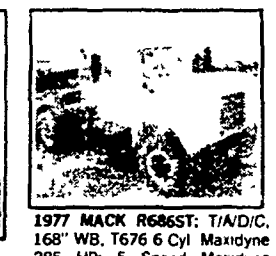


1979 Kenworth K-100; 170" WB, 8V-92TA, 435 H.P Detroit Eng.; 14 Speed Spicer Trans., A/C, P/S, AM/FM Radio, 10 00x22 Tires

1978 Peterbilt 352S86; 148" WF; 8V-92TT, 365 HP Detroit, RT-12-509, 9 Speed Trans., AM/FM, A/C, P/S; Eng O/H, NEW PAINT!

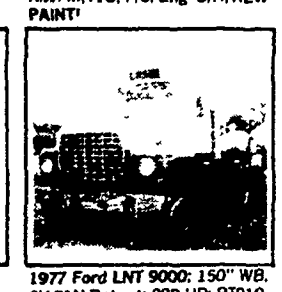
1977 Chevrolet DH9203; 173" WB, Cummins Formula 290, Fuller RT 1110, 10 Speed, A/C 11 00x24.5 Tires

1978 IHC COF4070; T/A/D/S, 142" WB, 8V-71TT Detroit 305 HP, EATON DS380 R A, RT 9509, 9 Speed, A/C, P/S

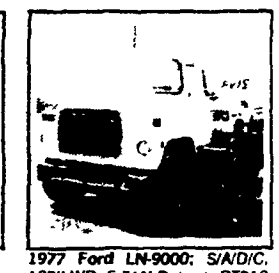


1977 MACK R686ST; T/A/D/C, 168" WB, T676 6 Cyl Maxidyne 285 HP; 5 Speed Maxidyne Trans Air Slide 5th Wheel, 10 00x20

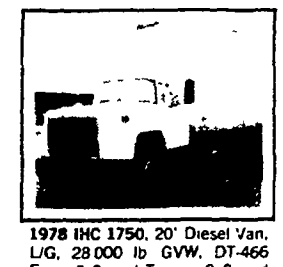
1977 GMC JC9640; T/A/D/C, 161" WB, Cummins Formula 290; 276 HP; Fuller RT1110, 10 Speed, P/S, A/C; NEW PAINT!



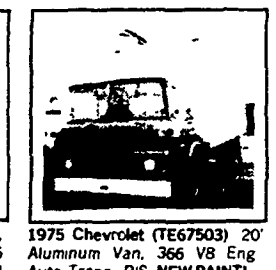
1977 Ford LNT 9000; 150" WB, 8V-71N Detroit; 289 HP; RT910, 10 Speed, P/S, A/C, Engine Overhauled



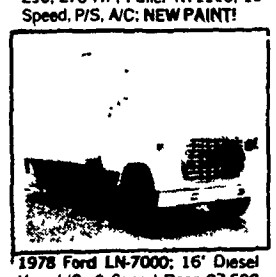
1977 Ford LN-9000; S/A/D/C, 138" WB, 6-71N Detroit, RT910 Trans, 10 Speed, P/S, NEW PAINT!



1978 IHC 1750, 20' Diesel Van, L/G, 28 000 lb GVW, DT-466 Eng., 5 Speed Trans., 2 Speed Rear, P/S, NEW PAINT!



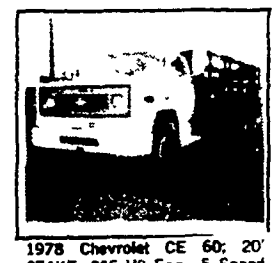
1975 Chevrolet (TE67503) 20' Aluminum Van, 366 V8 Eng Auto Trans, P/S, NEW PAINT!



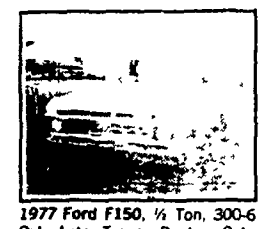
1978 Ford LN-7000; 16' Diesel Van, L/G, 2 Speed Rear 27,500 lb GVW; Cat 3208 Eng; 5 Speed, A B, P/S; NEW PAINT!

1978 Ford LN600; 14' Van; L/G 330 V-8 Eng; Auto Trans., 19,500 lb. GVW, 8 25x20 Tires

1979 GMC TC6D042; 12' VAN WALK RAMP; 16 000 lb GVW, 350 V8 Eng., Auto Trans., P/S, NEW PAINT!

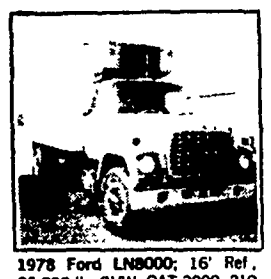


1978 Chevrolet CE 60; 20' STAKE, 366 V8 Eng., 5 Speed Trans., P/S, 10.00x20 Tires, L/G

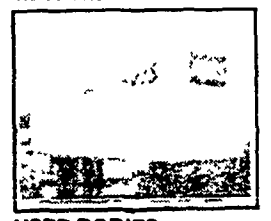


1977 Ford F150, ½ Ton, 300-6 Cyl Auto Trans., Custom Cab HD Shocks

WARRANTY OFFERED



1978 Ford LN8000; 16' Ref., 35,000 lb GVW, CAT 3208, 210 HP; 2 Speed RA, Trans and Eng. Rebuilt, Thermo King Overhauled



USED BODIES
1977 to 1979 Morgan; 16'-20' Alum Van Bodies, O/H Rear Door, C/S Door, With or Without L/G's

1978 Chevrolet CE67303, 17' Ref., 27,000 lb GVW, 366 V8 Eng., Clark 285V 5 Speed Trans., 1978 Hackney Body, Diesel Thermo King

FREE LUBRICATION & OIL CHANGES FOR 1 YEAR FROM DATE OF PURCHASE

CALL FOR MORE DETAILS

TRACTORS

1979 Ford LN-9000's S/A Diesel, Conventional Tractors, **Detroit** And **Cummins** Engines; RT9505A; 9 Speed Trans.; All with **P/S,** some with **A/C** and **NEW PAINT!**

1977 Ford LNT-9000; T/A Diesel; Conventional, 150" W.B.; **Cummins Formula** 290; 276 H.P.; **Fuller** RT1110; 10 Speed, **NEW PAINT!**

-STRAIGHT TRUCKS-

1977 & 1978 Chevrolet; 16' to 22' VANS; 366-V/8 Engines; **Clark 285** 5 Speed Trans.; P/S; **Available with Liftgates.**

All equipment offers no known defects and is available for inspection and road test Lifetime maintenance records are available for your review. All equipment exceptionally clean & well maintained. Our customers are completely satisfied with their fully reconditioned and recently inspected purchases

TRUCKS & TRAILERS

1972 Ford LN 9000 triaxle, 318 engine, 10 speed, new 10x20 19' aluminum bed, 800 bushel capacity, excellent condition, must sell. 215-869-3375 after 8 p.m.

'69 Chevy dump, new motor, good cond., $3000. 717-428-2748

67 Brockway, T/A, 14' dump, Cummins diesel. Ten M.P.G. Good condition. $6,000. 215-689-9329.

35' cattle trailer, $1000. 717-532-9271.

18' Morgan Van, Body, overhead, rolldoor, very good cond., $1200, 717-656-7732.

1973 Ford L900, Good running cond., with wet lime spreader. Also fifth wheel to go on truck w/20' steel dump trailer, $5,000, Baltimore Co., 301-239-8234.

36' flatbed trailer, good cond., $2000. 717-532-9271.

1978 Ford 4WD pick-up, F250 w/Eby aluminum cattle body, 8' Myers snow plow, excel. cond., call 201-879-5851.

1973 Marmon truck with 28' double deck aluminum livestock box for sale. 717-367-3202.

1973 Mack truck tractor, twin screw, 325 maxidine engine, 5 spd., good cond., good rubber, $10,500. 717-532-9271.

FOR SALE - '70 DIA. REO, COE SLEEPER TRACTOR, TWIN SCREW, 318, 13 speed, wet line, 22" Rads. Good condition. Inspected $4500.00 215-827-7819

1973 Mack R model tractor w/wetline, nice $8,750. 1970 26' Steco aluminum dump trailer, $5,750. 215-343-2444

16' alum. tub Fruehauf dump body, complete, in good cond., $3000. 717-532-9271

65 F600 Ford dump truck pindle hook 4 speed 2 speed rear, good condition, inspected, $2,500 or best offer. 717-566-0370

'65 Int. 2000 dump truck, 200 Cummins, 2 speed, good cond., $4200. 717-626-8213

1964 Ford 21,000 GVW w/12' stake dump w/sides and tailgate, good farm truck. 215-932-3173

Hill 40' flatbed trailer, new floor in 1980, very good condition, Price $2,750. Dolinsky Bros., R.D. 2, Weathery, PA. 717-427-4145

1977 Int. 1800 404 V-8, 5 spd., long wheel base, double frame, 10.00x20 tires, 28,000 GVW. 301-877-9889

Trailers for sale. 40x12-6 Fruehauf van, slider on 20. 40x13.6 Strick van, 22.5 tires, 45' Trailmobile flat, slider on 22, 38' Trailmobile flat, slider on 20, 3 35' flats, Storage Trailers for sale or rent, Keens 717-626-5420

1981 Chevy, heavy duty, ¾ ton, 4 wheel drive pickup, 350 4 speed, PS/PB, AM-FM, sliding rear window, dual tank, 8600 GVW, 8,000 miles, $8,250. 717-733-2873

'79 GMC 7000 w/21' Opp cattle body, has 366 gas V-8, 10.00x20 rubber, dual saddle tanks, 4 spd., Allison auto. trans., air brakes, power steering, air cond., AM-FM stereo, less than 8600 mi., cattle body has calf box, calf door, drop gates, tool box, interior lights, divider gate 717-639-5334 after 6 p.m.

For Sale - 5 cu. yd. hopper type spreader box, hydraulic drive, excellent condition, easy to convert for spreading liquids, semi-liquids and/or granules, $750.00. 717-733-4269

1981 Dodge 150 Custom SE, ½ ton pickup, 6 cyl., 3 speed overdrive, PS/PB, two-tone paint, 27,000 miles $5,450. 717-733-2873

TRUCKS & TRAILERS

TRUCKS & TRAILERS

*1981 024 Omni 2 door, 15,000 mile
*2-1980 Colts, auto. and 4 speed
*1980 Chevy Chevette, 4 door, 30,000 miles
*1980 Mirada, loaded, 25,000 mile, like new
*2-1978 Diplomats, 2 door and wagon
*1979 W 150 4x4 Club Cab
*1978 GMC Pick-up w/cap $2895
*1972 Volvo, 4 speed,
*1976 VW Rabbit

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Route 230 East Next to Shopping Center
Elizabethtown, PA
PHONE 717-367-1808

1961 White Truck Tractor w/10 SP R.R. Trans. 220 Cum. Diesel, wet Line, 24' Trailco Grain Dump Trailer..... All For $5500.00

6 Cyl. Cum. Diesel Power Unit w/ Pulley and Hand Clutch. Looks and Runs Like New $5500.00

Hyster Fork Lift w/4 Cyl. Wis. Eng. and Pneumatic Tires. Needs some Work $1500.00

Clark 6000 Fork Lift w/Propane Tank 6 Cyl. Cont. Eng. Needs Some work $1800.00

Old J.D. Combine w/210 Corn Head and 10' Grain Platform $1000.00

Other Excess Equipment For Sale Cheap...

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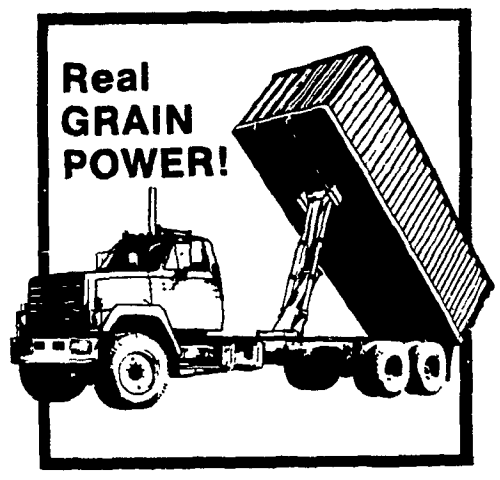
(814) 447-3388 (night)

Stakeless Bodies
by OMAHA STANDARD



Heavy gauge steel sides with deep corrugations for maximum strength The stakeless is available with either 52" or 60" high sides and standard lengths of 18', 20', 22' and 24' Greater inside width and length Ideal for hauling grain sugar beets, bagged or palletized products

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1979 Chevrolet Suburban
$8,500
4x4 with trailer package
Real nice - New Michelon tires

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1981 Mack R686 ST 300 eononlyne engine, 15 speed, 11.24x5 bud wheels, wet line, less than 25,000 miles.

1977 East dump trailer, 32' frame, 30' box, air tail gate, tarp, 10.00x20 tires.

1979 Summit dump trailer, 33' frame, 32' box, tarp, 11.24x5 tires, steel bud wheels.

717-235-3004
717-428-3037

PICK UPS

1980 Ford F250 Super Cab, 351 V8, Auto., PS, PB, AM Radio, 2 Tone Brown & Tan, 33,000 Miles..... $7995

1980 Chevy C10 Dsl., A, PS, PB, AM Radio, 27,000 Mi. ... $6995

1980 Chevy C10 Custom, 260 6 Cyl., 3 Speed, AM Radio, 20,000 Miles..... $5995

1979 Chevy C-20 Cheyenne, Trailer Special 454 V8, Auto., PS, PB, Air, Tilt Wheel, Dual Tanks, AM-FM, 8200 GVW, 34,000 Miles $7495

1979 Ford F150 Custom, 300 6 Cyl., Auto., PS, PB, AM Radio..... $5795

1979 Ford F100 Custom, 302 V8, 3 Speed, PS, AM Radio... $4995

1978 Chevy LUV, 4 Cyl., 4 Speed, AM Radio, Sliding Rear Window, Alum. Cap.... $3995

1978 Datsun Pickup Long Bed, 4 Cyl., 5 Speed $3695

1978 Chevy C20, with Reading Utility Body, 292 6 Cyl., Auto., PB, New Paint $4895

1978 GMC Shortbed, 6 Cyl., Auto., PS, PB, AM-FM, Air Cond., Cap, 1 Owner Truck, 33,000 Miles..... $4995

1977 Chevy C10 Silverado, 350 V8, Auto., PS, PB, Power Windows & Locks, Cruise Control, Tilt Wheel, AM-FM, Dual Tanks, Sliding Rear Window, 2 Tone Paint..... $4995

1976 Ford F100 w/Ford Fiberglass Cap, 360 V8, 3 Spd., PS, AM Radio..... $3495

SUBURBANS

1980 GMC Suburban, 4 Wheel Drive, 350 V8, Auto., PS, PB, AM Radio, Lockout Hubs, Aux. Rear Heater, 30,000 Miles..... $8495

1979 Chevy Scottsdale 4 Wheel Drive Suburban, 400 V8, A, PS, PB, AC, AM-FM Radio, 31 Gal. Fuel Tank, Equalizer Hitch & Brake Pkg, Dk. Brown Metallic..... $8995

1973 Chevy Suburban, ¾ Ton, 350 V8, Auto., PS, PB, AM-FM..... $1995

CAB & CHASSIS

1982 Ford, F350, 351 V8, 4 Spd., PS, PB, 137" Wheel Base, 10,000 GVW, Dual Wheels, 25,000 Mi..... $8995

VANS

1982 Chevy Conversion Van, 6 Cyl., Auto., PS, PB, Air Cond., AM-FM & Tape, CB, only 7000 Miles - Like New. $15,900

1981 Ford E100 Econoline, 6 Cyl., Auto., PS, PB, AM Radio, Dual Tanks $6895

1979 Ford E250 12 Pass., 351 V8, Auto., PS, PB, AM Radio, 37,000 Miles $7495

1979 Dodge B200 Panel Van, 318 V8, Auto, PS, PB, AM Radio..... $5495

1979 Ford E150 Econoline, 351 V8, 3 Speed Standard, PS, PB, AM Radio, 45,000 Miles .. $4995

1979 Chevy 8-Passenger Beauville, 350 V8, Auto., PS, PB, Air Cond., Tilt Wheel, Cruise Cont., AM-FM Stereo, 33 Gal. Tank..... $8995

VANS CONT'D

1977 Dodge 8 Passenger Royal Sportsman, Trailer Special, 440 V8, Auto., PS, PB, Air Cond., AM Radio..... $6995

1977 Chevy Short Wheel Base Window Van, 5 Pass., 350 V8, 3 Speed Standard, PS, PB, AM-FM & 8-Track..... $4295

4 WHEEL DRIVES

1982 Ford F150 XL, 302 V8, 4 Speed, PS, PB, AM-FM Stereo, Dual Tanks, Dk. Brown Metallic & Buckskin, only 10,000 Miles, Still Under Factory Warranty .. $11,500

1980 GMC Suburban, 4 Wheel Drive, 350 V8, Auto., PS. PB, AM Radio, Lockout Hubs, Aux. Rear Heater, 30,000 Miles..... $8495

1980 Chevy Blazer Silverado, 350 V8, Auto., PS, PB, Air Cond., AM-FM Stereo, Tilt Wheel, Lockout Hubs, 25,000 Miles..... $9895

1980 Chevy Blazer, 6 Cyl., 4 Speed, PS, PB, AM-FM Stereo, Lockout Hubs..... $8495

1980 Ford F150 Short Bed Step Side, 300 6 Cyl., 4 Spd., PS, PB, Sliding Rear Window, Lockout Hubs, AM-FM & Tape, Tonaeu Cover, 32,000 Mi..... $7995

1979 Dodge Ramcharger, 318 V8, Auto., PS, PB, AM-FM ... $6995

1979 Chevy Blazer, 350 V8, Auto., PS, PB, Air Cond., AM Radio, Rust-Proofed, 2 Tone Paint..... $8495

1979 Ford Bronco Custom, 351 V8, Auto., PS, PB, Air Cond., AM Radio, 34,000 Miles, 2 Tone Red & White ... $8695

1979 Dodge W150 Pickup, 360 V8, Auto., PS, PB, AM Radio, Cap, Very Clean..... $6995

1979 GMC Jimmy, 350 V8, A, PS, PB, AM Radio, 2 Tone Black & Silver $8295

1979 Chevy Scottsdale 4 Wheel Drive Suburban, 400 V8, A, PS, PB, AC, AM-FM Radio, 31 Gal. Fuel Tank, Equalizer Hitch & Brake Pkg., Dk. Brown Metallic $8995

1979 Ford F150 Custom, 351 V8, A, PS, PB, AM-FM, Lockout Hubs, 22,000 Mi. ... $7995

1978 Chevy C-10 Scottsdale, Shortbed, 350 V8, 4 Speed, PS, PB, AM-FM & Cassette, 2 Tone Maroon & White $6995

1978 Dodge Ram Charger, 318 V8, Auto., PS, PB, AM Radio, All Black w/White Spoke Wheels..... $5995

1978 Plymouth Trailduster, 360 V8, Auto., PS, PB, AM Radio, Chrome Slot Wheels, 2 Tone Maroon & Silver, 39,000 Miles..... $6995

1977 Dodge Shortbed, 318 V8, Auto., PS, PB, AM Radio..... $4995

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Suzuki, 1980 GS450T, maroon metal flake paint w/pin stripes, polyglycoat, star wheels, 6 speeds w/LED gear position indicator, storage compartment under seat. Many extras. Before considering spending $1000 more for 1982 bike, check this one out. Perfect condition, garage-kept, never intentionally rode in rain, sharp looking, $1300 negotiable. Call 717-285-3051 or 397-2093

'78 Lincoln Continental Mark V, 38,000 mi., like new. 814-793-2339

TRUCKS & TRAILERS

'74 IH cabover sleeper, 318 Detroit, twinscrew, low mileage, 10:20 radial tires, sliding 5th wheel, PS, $9,500. 215-286-9510

For Sale - 10' wood livestock body; 12' wood livestock body; 16' wood livestock body; 20' wood livestock body; 21' wood livestock body. New 1983 Eby 20' goooseneck trailer. M. H. Eby, Inc., Blue Ball 717-354-4971.

1974 Ford F100, ½ ton pick-up with load extender springs, custom deluxe, great condition, 2-tone paint, deluxe interior, air conditioning, power steering and power brakes, no rust, radial tires; $2500 negotiable; (717) 397-2093, 285-3051 or 301-666-8477

Army truck, GMC, all wheel drive, auto. transmission, 9:00, 20 tires, tandem axle, $2800. 609-769-3183.

'71 Brockway tri-axle dump, $13,500, real good rond. '75 Ford cattle truck, hauls 12 cows, $5,000, Grove self-unloading wagon $550, 717-432-2883, between 5 and 6 p.m.

TO HAVE YOUR TRUCK CHASSIS FRAME LENGTHENED OR SHORTENED
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Note of Appreciation

We wish to extend our heartfelt thanks to all our dear neighbors and friends for your loyal support acts and words of sympathy, gifts and prayers shown during the recent tragedy in the death of our dear sister Naomi Huyard. May our dear Lord richly reward you all.

The Huyard Family
RD3 New Holland, PA

PETS

For Sale - Walker Fox hound, female, pup trainer, cold trailer, check dog, no deer. Phone 717-463-2842

Jack Russell terrier pup, whelped 7/21/82, male, wormed and shots, a very devoted pet, loves to hunt groundhogs and rats. 717-469-0782

For Sale - Perfectly marked blue eyes with masks, AKC registered Siberian Husky puppies. 717-354-8915

6 week old purebred Border Collie pups, $25 each, David Stoltzfus, 39 S. Saudersburg Road, Ronks PA 17572

Border Collie puppies for sale, 6 wks., old, Chester Co., 215-869-8745

PETS

Wanted: Puppies, all breeds. Jack's Dog Farm, Rt. 611 Pipersville, PA 18947. 215-766-8802

Puppies Wanted - AKC, purebred, mixed, 296 S. Vintage Rd., Paradise, PA 17562 717-442-4259

Border Collie pups, purebred. 717-626-4840

500 pups wanted on March 1, 1983. I need cute, healthy pure and mixed breed pups, 6-8 wks. old. Contact Jo Jo the Dog Man at Root's Farm Market, Manheim, Pa on Tues. March 1, 1983, 5-8 p.m. $50 prize for the cutest pup purchased. P.S. Puppy stand closed January and February. Do not bring any pups to Root's as there is no puppy buyer there. Thank you. Jo Jo.

AKC Registered Miniature Schnauzers, classic blacks, shimmering silvers, males, females, champion bloodlines, show quality. 717-285-3023

Blue Heeler puppies (Australian Cattle Dogs), purebred, wormed, shots, great workers, Starlight Farms, RD1, Salem N.J. 08079 609-935-2893

Australian Heeler pups for sale from good working parents, ready for delivery. 215-942-3187

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Registered Red and Blue Heeler pups for sale. Guaranteed to work stock. For more information contact:

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1971 Int. Transtar
10 Wheeler

250 Cummins, recently rebuilt, 10 spd. Road Ranger, air brakes, 50,000 GVW, Sprout-Waldron feed tank, new rubber.
$10,500

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Steel Roofing 20 yr. WARRANTY $42.95 deliver, 35KWAC brushless standby with pto cart KD 40% off, 3½KW for lawn garden tractors $275.00, 12KW $590.00, 45KW with PTO $165, drill press 5/8" chuck, water bowls $23.90, ¾" drive socket set $50.00, good 8 barn windows aluminum 34"x46" $19.00 with glass. 215-445-5309

Gas refrig., 6.4 cu. ft. Servel, 4 ice trays, new gasket, $200. Frigidaire 9 cu. ft. with 3 cu. ft. freezer, new gaskets, $150. Elec. heater, $35. Upright piano, $200. 2 tires GR-78-15 black, $5 ea. Bicycle carrier, $5. Snow pusher, $3. Earth auger, $5. 9x12 green outdoor carpet, $35. 27"x54" sculptered green rug, $10. Call Gloria Haller eves. or weekends for appt. 717-397-3869

15 acres of tobacco, 1982 crop, 717-898-2886

ATTENTION: Mennonite Your Way Tour to Florida, February 14-23. Includes visits to St. Augustine, Space Center, Cypress Gardens, EPCOT, Mennonite church and camp. Complete itinerary available. Box 1525, Salunga, Pa. 17538. Phone 653-9288

WORK GLOVES Intro. Special! 6 pair brown jersey or 3 pair yellow fleece for only $5.00 ppd. with this ad. Plus our catalog of other gloves and many money-saving, useful products. KAYCO, Box 29024, Dept. LF., Brooklyn Center, MN. 55430

Used galvanized and black pipe, ½, ¼, 1½ and 2", good for pens, gates, etc. Also brass gate valves in same sizes. 717-872-5924

For Sale - Tractor tires 2/124-11-38 $100/each, 2/600-16 $30/each, steel wheel wagon w/flatbed horse/tractor hitch $300. 215-445-4893 after 4:30

Remarkable Berg outlasting barn cleaners and new split chute. New rugged chain. I will pay $1.50 per ft. for worn out chains with a Berg dependable chain. Better yet $4.50 lower per ft. than competitors. Nickel chrome outlasting chain, air ventilation, water bowls. 215-445-5309

1980 Polaris Centurion, low mileage, good cond., 717-428-2748

Heavy duty electrical switch boxes, 3 phase and single phase, used. 215-444-5148

For Sale - Hydraulic pipe bender for custom exhaust systems, card system for bending stock pipes, dies from 1½"-2½". Also expanding and flare dies. $7,500. Call 215-693-5021

One conveyor 9' long, 2' wide, including roof top belt, 20" wide, ¼ horsepower, 3 phase, 220 volt. 2 roller conveyors, 10' long, 1" wide, 3" centers, 1 roller conveyor, 6' long, 2' wide and 2" centers, 1 roller conveyor 6' long, 2' wide and 2" centers, 2 drive pulleys, 10" wide, 10" diameter, 2 idler pulleys, 10" wide, 10" diameter, 5 idler pulleys 10" wide, 3" diameter, 1 idler pulley 12" wide, 3" diameter, 2 idler pulleys 10" wide 6" diameter, 1 gear box and motor, ¾ horsepower, 3 phase, 220 volt 1 motor, ¼ horsepower, single phase, 115 or 220 volt 1 belt, 66' long x 35" wide. 717-626-2074

Ford power model 14-93 3 point 7' cutter bar rebuilt converted for IHC as is, $300. 3 point hitch PTO post hole digger, 2 augers 9" 12" as is, make offer. Eastern Warehouses, Pottstown, PA. 215-326-6350.

75' hot water coils with aluminum fins. 10' lengths/sash from green house qty. 50 4'x6' $10 each. 609-451-0705.

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Meat grinders, band saws, slicers and tenderizers. Also new splitting saws for only $249. Gerry Grundy, Doylesburg, PA, on Rt. 75, 200 yards north of Rt. 274. Open Saturday and Sunday 10 A.M. - 4 P.M. 717-349-7654 or late evenings 215-549-7584

FOR SALE - New and used automatic washers, dryers, gas and electric refrigerators, ranges, used wringer-engine washers, new bedroom furniture. Open 7:30 to 4:30; Saturday, 7:30 to 12:00; evenings by apointment. Myer's Washer-Dryer, Rt. 772, between Brownstown and Leola. 717-656-7169

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Pages B42 thru B47

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HFA Type Comparison 7/82
Pred. Diff. Type +1.77, Rpty. 84%
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Sire - 9H557 Wiseman

WISEMAN Daughter

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2-11 344d 21,160m 3.9% 819f
Owner: Charles Mason, Oakland, MD
Sire - 9H557 Wiseman

WISEMAN Daughter

SMITH-MEAD ASTROCHIEF MAGNOLIA, VG(86)
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Owner David Schantz, Alburtis, PA
Sire - 9H557 Wiseman

WISEMAN Daughter

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Six firms vie for Pa. Agri-business award

HARRISBURG — Six Pennsylvania firms have been nominated for the third annual Pennsylvania Agribusiness Award, according to Penrose Hallowell. They are Barsotti Brother's Baking Company of Pittsburgh, Konhaus Farms of Mechanicsburg, Lehigh Valley IGA Group of Allentown, O. Leto Mushrooms of Kennett Square, the Pennsylvania Cooperative Potato Growers, Inc. of Harrisburg, and Turner Dairy Farms of Pittsburgh. All six firms have shown outstanding support of Pennsylvania agriculture according to Secretary Hallowell.

The winner of this prestigious award, given to an agribusiness exhibiting excellence in promoting Pennsylvania agriculture, will be announced by Hallowell on Monday, Jan. 9, at 6:30 during the 67th Annual Farm Show.

"The Agribusiness Award is important at Farm Show because it gives recognition to a very important segment of our agriculture industry," Hallowell said. "Agribusiness is as essential to Pennsylvania's economy as the farmer himself. More than 16,000 food retailers and processors in Pennsylvania employ 200,000 workers and generate $20 billion in sales each year."

The award is based on five criteria, the first of which is quality. The firm must produce a high quality product adhering to both state and federal regulation and inspection, and participate in either the "Pennsylvania Agriculture — We're Growing Better" or the "Keystone Pride" logo programs. The logo must be incorporated directly onto the firm's label, package, master shipping carton or used extensively in advertising.

In order for a firm to use the logos, a percentage of raw Pennsylvania products must be used in the final product. Judges take into consideration any additional utilization of Pennsylvania raw products. Considerations are also made as to the amount of time the firm has been using the logo, the firm's overall efforts to promote Pennsylvania products, their market area and number of consumers reached.

Barsotti Brother's Baking Company was the first firm to use the logo. They incorporated it into all their bread bags. The family-owned and operated firm distributes their product in western Pennsylvania, Ohio and West Virginia.

Konhaus Farms is a poultry, vegetable and retail operation which has been active in the logo program since March 1980. They have incorporated the logo into grocery bags, egg cartons, ice cream containers and their weekly newspaper ads.

Lehigh Valley IGA Group is twelve independently owned retail stores, each of which has been actively promoting Pennsylvania foods. They run in-store demonstrations, use logo point-of-sale materials and use the logo in their ads. The stores have sponsored and co-sponsored several state cook-off contests and most recently they have donated unsalable food to a newly formed food bank in Lehigh Valley.

O. Leto Mushrooms was the first mushroom grower-packer to incorporate the logo directly onto mushroom labels. The family-owned and operated firm produced just under three million pounds of mushrooms last year.

The Pennsylvania Cooperative Potato Growers was organized to give small growers a better marketing avenue. In the last two years, the co-op has designed a bag utilizing the logo and distributed over 1.6 million of them throughout the state.

Turner Dairy Farms was the second producer and processor of dairy products to utilize the logo. They have developed two carton side panels over the past three years strictly for the logo and promotion of all Pennsylvania milk. The company is family-owned and operated and employs 140 people in the Pittsburgh area.

A panel of three judges, James Sumner, Agriculture Department's Bureau of Markets; Charles Wismer, Master of the Pennsylvania State Grange; and Wesley Haer of Pennsylvania Farmers Association, will select the winner of the 1983 Agribusiness Award.

IPM handles pest problems

UNIVERSITY PARK — The use of combinations of several kinds of pest control methods, or Integrated Pest Management, is a logical choice in handling most plant pest problems, according to the 1983-84 Penn State Agronomy Guide.

In order for an IPM concept to work, three components must be available. They are: several effective and practical control methods; economic injury level for the pest, which is the level at which losses from the pest are equal to the cost of the control measure; and a systems approach, which is the consideration that is taken of the entire crop production program when making pest control decisions.

There are five categories in which most pest control strategies fit: physical, cultural, genetic, biological, and chemical.

Physical control is the direct or indirect measures that either eliminate the pest or retard its growth. Examples are placing window screens in windows, hand picking the pests off plants, and taking advantage of temperature changes.

Crop production practices that are not favorable to pests are cultural controls. Examples are conventional tillage, which buries plant debris and destroys disease inoculum and early harvesting.

Genetic control is the tolerance or resistance of plant varieties to certain plants. This is the preferred control since it produces a relatively long-term control at low cost. Examples are wheat varieties which are resistant to the Hessian fly and alfalfa varieties which are resistant to anthracnose.

Chemical control is the control of pests by pesticides. An advantage is that it can be applied quickly to a site according to need. Disadvantages include being toxic to humans, animals, and beneficial insects, and providing only temporary reduction to pests. this control is a major aspect of IPM.

Most important, says the Agronomy Guide, pest populations should be monitored constantly in an IPM program.

Since, single control methods to combat most pests are no longer considered reliable. Many individual control methods have limited time spans of effectiveness; for others the side effects may be worse than the pests being controlled. Future success in managing crop pests will depend upon how well we minipulate old and new technologies which are effective and result in minimum risk to the environment.

Numerous safe and effective methods are available for controlling most pests, and each, when properly used, can contribute to the prevention or reduction of kinds and numbers of pests. Therefore, the use of conbinations of several kinds of control methods — including cultural, resistant or tolerant varieties, biological, mechanical and chemical — seems to be a logical approach to handling most plant pest problems.

The 1983-84 Penn State Agronomy Guide is available from any county Extension office for $2.

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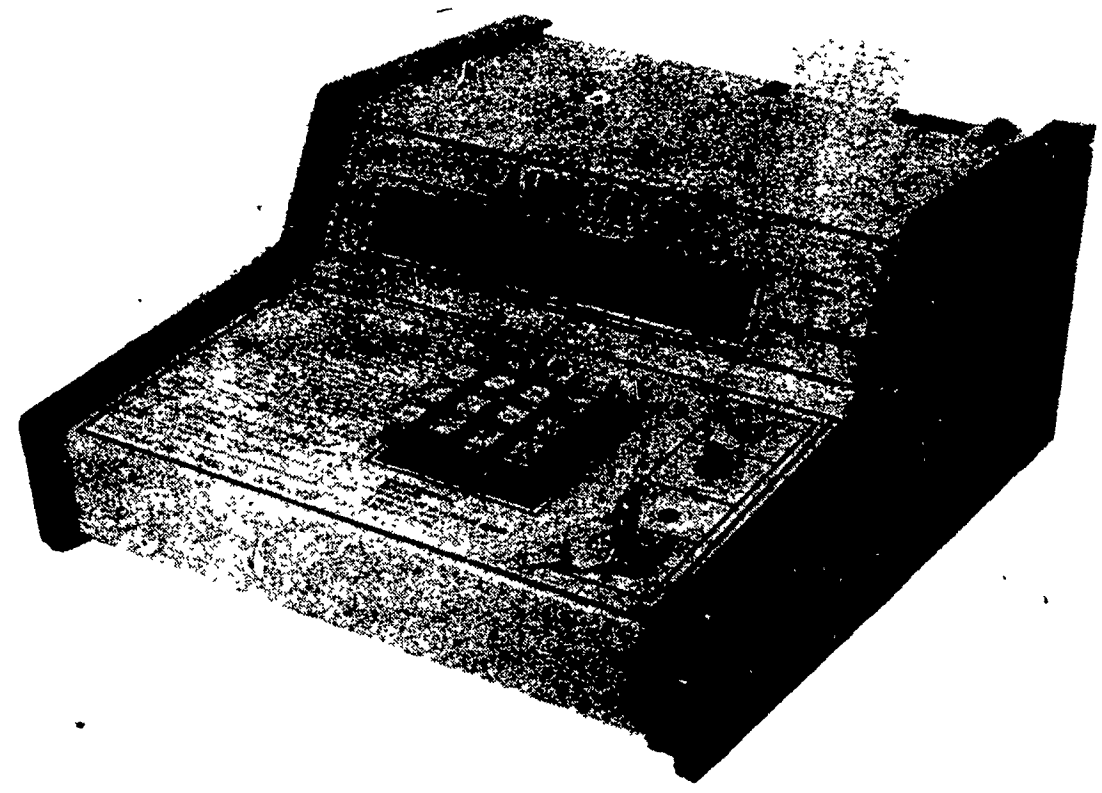

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Butler Manufacturing Co.	36
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Carlton Seed Co.	80
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Deutz Corp.	20
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Pennsylvania Dairymens Association
Pennsylvania Livestock Association
Penn. Mushroom Growers Cooperative Assoc.
Pennsylvania Poultry Federation
Pennsylvania State Beekeepers
State Horticultural Association of Penn.
Pennsylvania Vegetable Growers Assoc.

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Read Steel Products	N-5
John Reiner & Co.	N-12
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Southeast Manufacturing Co.	N-4
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Quality Distributing	6
Boston Farm Products	7
Weis Markets	8
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Same & Laborghini Tractors of North America	L-10
Vermeer Manufacturing Co.	L-13
Williamsport Area Community College & Dept. of Agriculture	U-3

OUTSIDE EXHIBITORS.

Advanced Ag Systems
American Bag All
Richard Brandt Real Estate
Concrete Safety Systems
Cummings & Bricker
C.B. Hooker & Sons
Super Goose Trailers by Moritz
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U.S. Farm Systems of Pa.
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CORRIDER (near Security Office)

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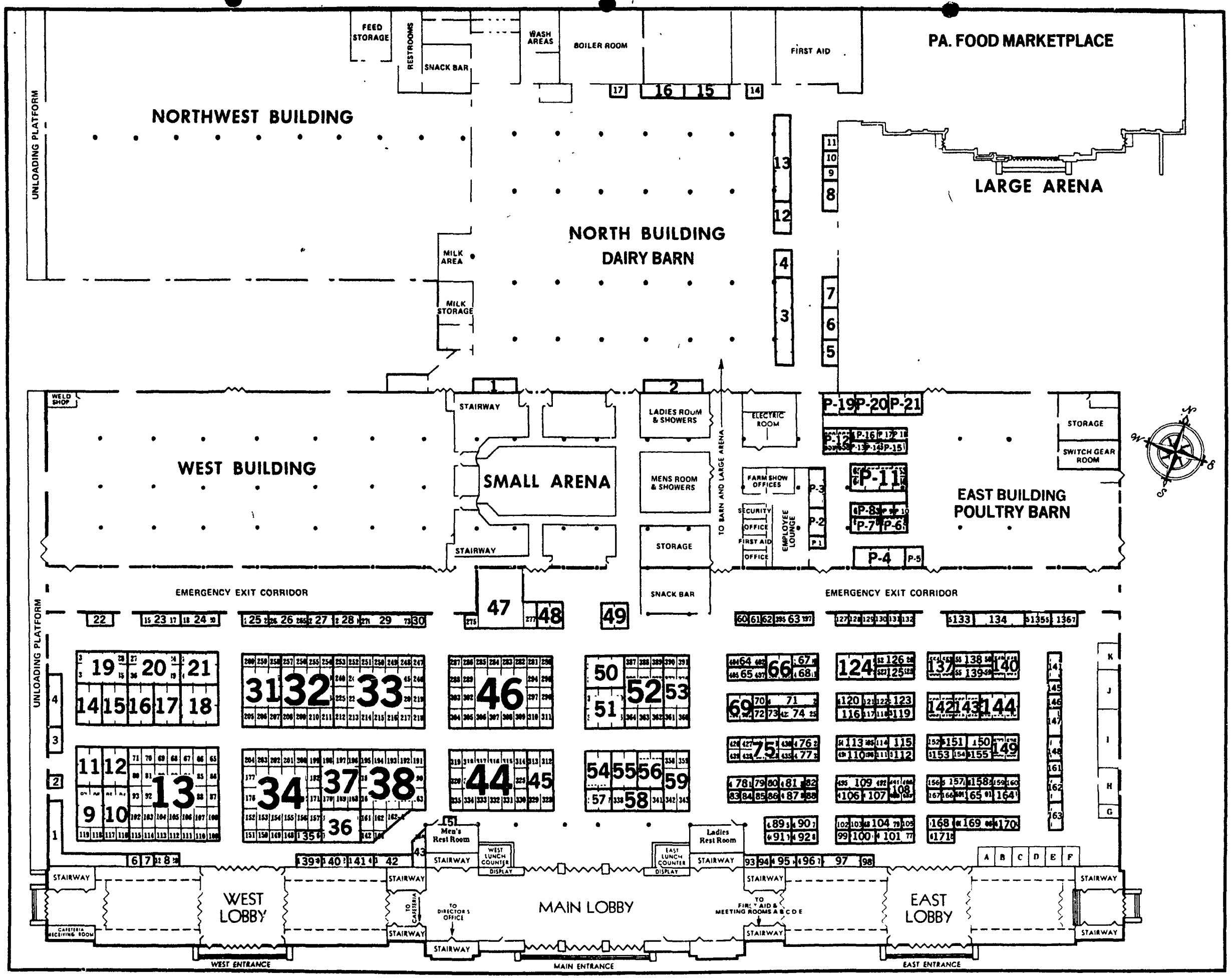
1983 PA. FARM SHOW

COMMERCIAL EXHIBITS



311 FFA'ers to receive Keystone Degrees

HARRISBURG — A total of 311 Future Farmers of American from chapters throughout the state will receive their Keystone Degrees at ceremonies in the Forum Building on Wednesday afternoon.

The awarding of the degrees, the highest in the state, will be the highlight of the Mid-Winter Meeting of the Pennsylvania FFA Association.

In addition to the Keystone Degrees, these other awards will be presented:

–Twelve state-level proficiency awards will be presented to those FFA'ers who have shown the greatest expertise and knowledge in various areas of agriculture and agri-business projects.

–Eight special FFA members will receive their regional Star Farmer and Star Agribusiness honors.

--Thirty-three honorary Keystone Farmer Degrees will be conferred. These will go to parents of FFA'ers and individuals who have shown continued support of the FFA program.

–Twelve special citations will go to businesses and groups who have been instrumental in continued promotion of the FFA and its goals.

Lancaster Farming will be among those supporters of the FFA scheduled to receive one of the citations. In addition, staff writer and photographer Dick Anglestein will receive his Honorary Keystone Degree.

Among others receiving Honorary Degrees will be:

–Harold Heck, R1 Robesonia, who has been an active member of the Conrad Weiser Vocational Agriculture Advisory Committee for four years. He is a member of the Conrad Weiser Young Farmers and has served as an officer. He received the Outstanding Farmer Over 30 award on the state level in 1975.

–Mrs. Doris Meisenhelter, who is a guidance counselor at Penn Manor High School. She is a staunch supporter of the Manor FFA Chapter and helps judge creed and public speaking contests, along with aiding ag students with their schedules.

–H. Melvin Charles, R1 Washington Boro, who serves on the Ag Advisory Committee and helps students with the feeding and management of swine projects. He has held workshops on implanting and worming and has served as a guest speaker on feeds.

–Mr. and Mrs. Melvin Shertzer, R1 Millersville, who will receive the Honorary Degree at the same their third child receives his Keystone. Their son, Steve, received the state's highest degree in 1978, daughter, Kay, in 1980 and now Scott in 1983. They have a dairy and crops farm.

Following is a list of FFA'ers scheduled to receive their Keystone Degree as submitted by high schools and vo-tech schools in the southeastern part of the Commonwealth.

Last week, Lancaster Farming published a similar list of Keystone Degree recipients from other schools in the region.

The Keystoners include:

Lancaster

Garden Spot

DARREL MILLS

Darrel A. Mills is president of the Garden Spot FFA Chapter at Lampeter-Strasburg High School.

He has been named both Star Greenhand and Star Chapter Farmer. He is also a Burrow Scholar.

His projects at Lampeter-Strasburg have been in the areas of dairy production, trapping and Supervised Occupational Experience program.

The son of Mr. and Mrs. Roger Mills, 1343 Gypsy Hill Road, Lancaster, he is active in his Church Youth Group and serves as a volunteer fireman.

He plans to follow a career in dairy farming.

Solanco

Kenneth Miller Jr., son of Mr. and Mrs. Kenneth G. Miller Sr., R1 Christiana, has conducted numerous FFA projects as a member of the Solanco Chapter.

His projects have included dairy herd, swine breeding, hay, corn, small grains and swine finishing.

His FFA offices have ranged from chapter treasurer and president to county sentinel. He won a silver award in the National

KENNETH MILLER

Dairy Foods Contest and was State winner in the same category. He was named Star Red Rose Farmer.

He is a member of the National Honor Society and the Pennsylvania Holstein Association.

He plans to become a partner in the family operation.

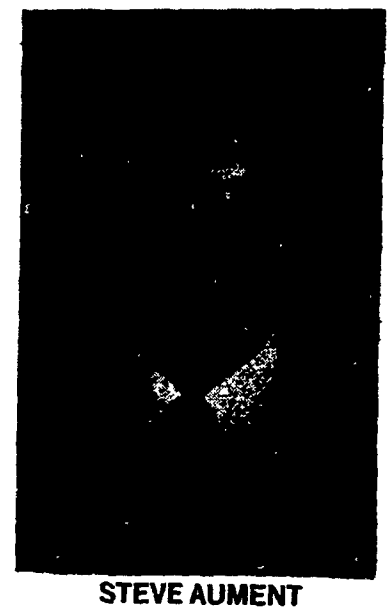
JIM STRAWSER

Jim Strawser, of the Solanco FFA, has conducted projects in on-farm experience, beef finishing, dairy heifers, corn and hay.

The son of Earl and Ellen Strawser, Drywells Road, Quarryville, he has served on several committees and was a Kansas City trip winner.

He is a member of the Pennsylvania Holstein Association, Solanco Sportsmens Association and the Pennsylvania Livestock Association.

He plans to continue with dairy farming or become a herdsman on a dairy operation.



STEVE AUMENT

Steve Aument has held both chapter and county FFA offices, serving as vice president of the Solanco FFA and parliamentarian of the Lancaster County Chapter.

Son of Mr. and Mrs. Glenn D. Aument, R1 Quarryville, he has been involved in a variety of projects. These include swine and beef finishing, dairy heifers, sheep breeding and corn.

Among his FFA honors have been his naming as Chapter Star Greenhand.

He has served on several committees and is a member of the Dairy Club.

He plans to go into partnership on the family dairy farm.

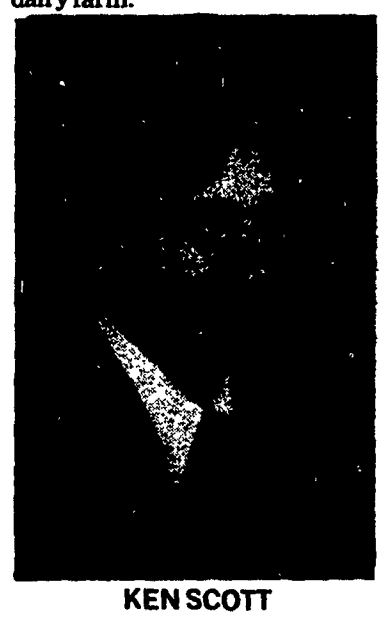
BRIAN TRIMBLE

Brian Trimble has participated in several different projects during his four-year membership in the Solanco FFA Chapter.

His projects have ranged from beef finishing and growing corn to on-farm experience.

His committee assignments have included Conduct of Meetings and Recreation.

He plans to work on the family dairy farm.



KEN SCOTT

Ken Scott, son of Mr. and Mrs. W. Marvin Scott, R1 Paradise, has held three different offices in the Solanco FFA Chapter.

His offices include sentinel, chaplain and vice president.

His projects have included sweet corn, tobacco, field corn, hay, farm experience and ag mechanics.

In county competition, he was selected as the top livestock judge, receiving a $50 savings bond.

He plans to continue working in ag mechanics, farming tobacco and helping on the family farm.

CRAIG EWAKA

Craig Ewaka, son of Timothy and Doris Ewaka, R2 Quarryville, combines a dual school career in sports and FFA.

He has served the Solanco Chapter as reporter and vice president. A varsity baseball and football player, he was named to the Sertoma All-Star football game, was first team All-section and honorable mention All-State.

His FFA projects have included beef and swine finishing and home gardening.

He plans to attend college and major in biology.

Elizabethtown

GLENN ELLIS

Glenn Allen Ellis, 18, is the son of James and Helen Ellis, R4 Elizabethtown.

As a member of the Elizabethtown FFA Chapter, he has conducted projects concerning swine and tobacco. He has served on several committees.

During the course of his five years in the Elizabethtown FFA he has won two public speaking awards and three in salesmanship.

In addition to participation in the school football program, he is active in church youth activities.

He plans to attend college to study computer science and work for an ag business where computer skills can be utilized.

Manheim

Vernon W. Heisey has served the Manheim FFA Chapter in the offices of chaplain and vice president.

The son of Mrs. Edwin Heisey R6 Manheim, he has had projects

(Turn to Page D8)

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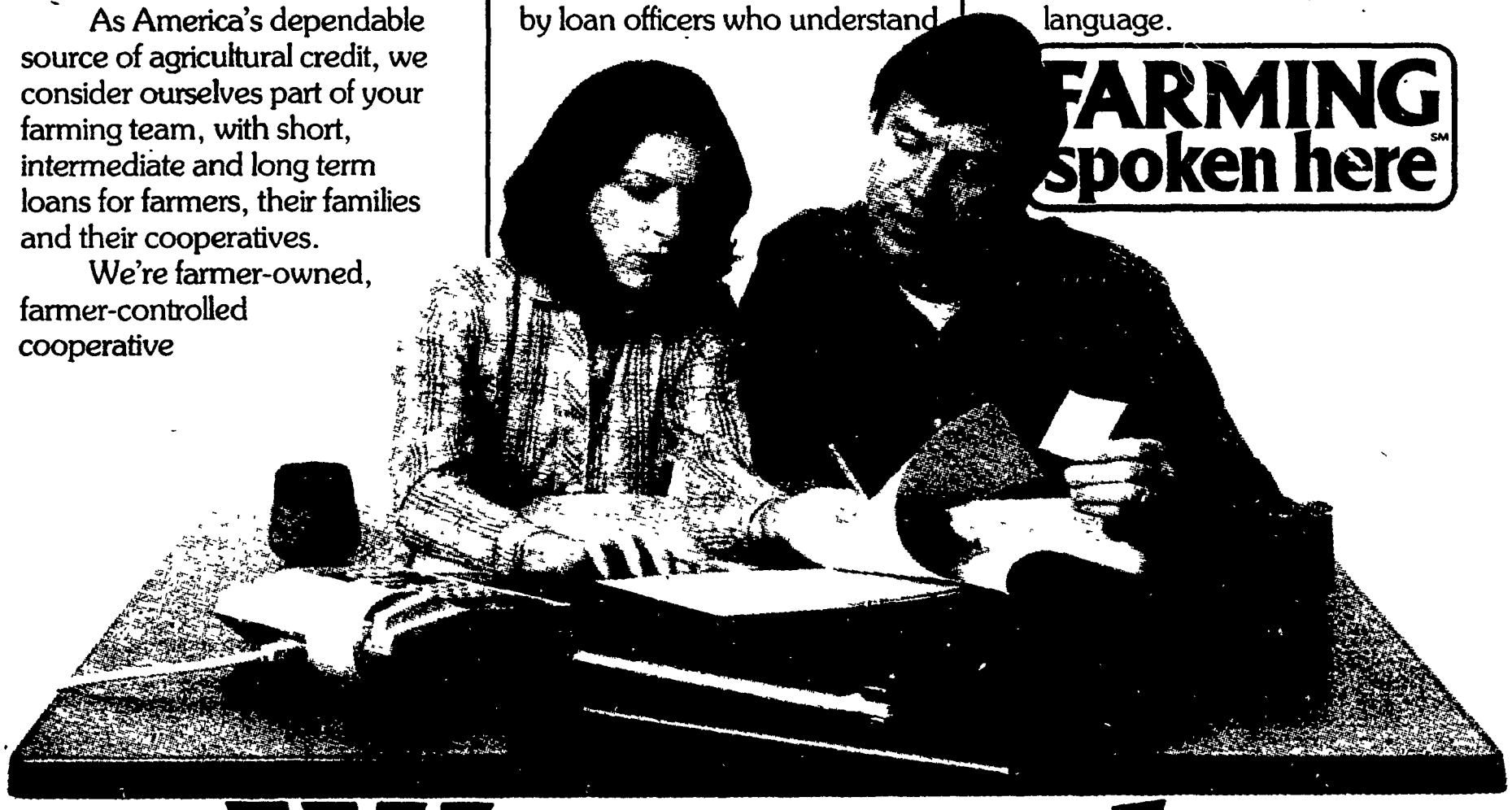

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Keystone Degree honorees

(Continued from Page D6)

VERNON HEISEY

in swine breeding, beef finishing, field corn and dairy farm work experience. He has served on a wide variety of committees.

Among his top FFA awards have been the Chapter's Star Greenhand honors, first-place in State Project Book competition and a member of the third-place dairy judging team at Activities Week at Penn State.

He is also active in 4-H Baby Beef Club activities and church youth group.

He plans to have a career in agriculture, preferably dairying.

MICHAEL PFLIEGER

Michael Pflieger, of the Manhein FFA Chapter, holds a unique post among FFA members in Pennsylvania.

He is the Youth Farmer Representative to the Lancaster County Agricultural Preservation Board.

His other FFA offices include chapter treasurer and county reporter. His awards have come in the areas of public speaking and leadership.

His projects in the Manheim FFA have included agricultural placement, beef and swine finishing, corn and alfalfa production.

He is employed at a local feed mill and plans to continue work in agribusiness.

GAIL GINDER

Gail Ginder, daughter of Mr. and Mrs. Robert E. Ginder, R3 Elizabethtown, serves as president of the Manheim FFA Chapter and county secretary.

Manheim's Star Chapter Farmer, she is a winner of the chain calf and placed first in the state in extemporaneous public speaking. Lancaster County's First Alternate Dairy Princess, she is a member of the National Honor Society, the FHA and Red Rose 4-H Baby Beef Club.

Her projects include three dairy cows, two bulls, broilers, dairy heifers and calves and steers.

She plans an ag career.

EDWARD SENSENICH

Edward Sensenich, 17, is the son of Mr. and Mrs. Robert Sensenich, 917 Temperance Hill Rd., Lititz.

His FFA projects at Manheim have ranged from dairy cows, heifers and calves to on-farm work experience.

He has served as treasurer and vice preseident of his chapter. He placed fourth in ag mechanics in state competition and was eighth in regional competition at the Eastern States Exposition. He has received the county production award and his project book was a gold medal winner.

He has served on numerous committees and is acvtive in church affairs.

He hopes to eventually enter into a partnership in the family operation.

Warwick

DARRELL SNYDER

(Turn to Page D9)

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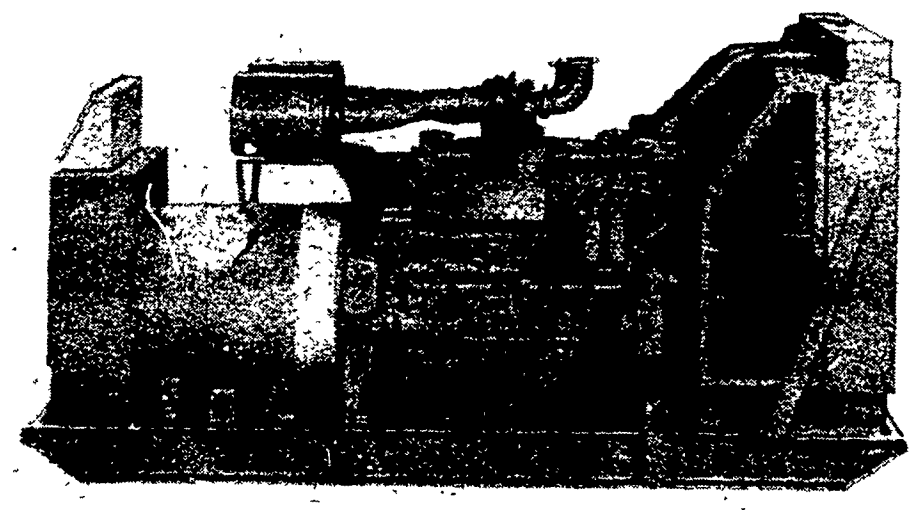

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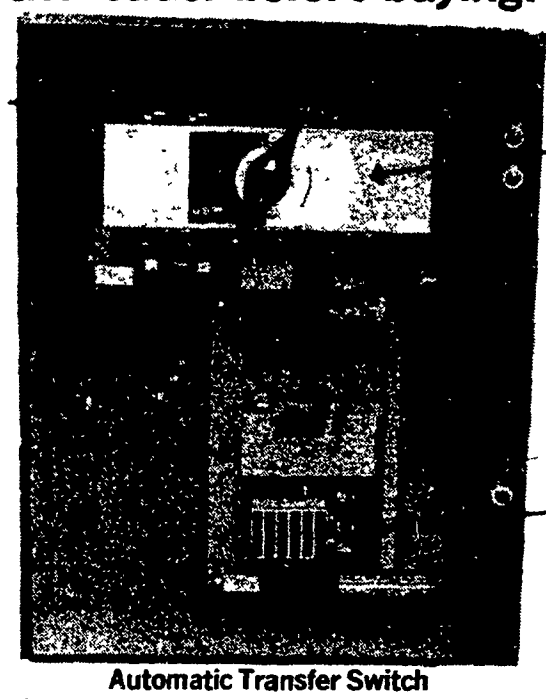

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Keystone Degree honorees

(Continued from Page D8)

Darrell Snyder, son of Carl and Sylvia Snyder, Kissel Hill Road, Lititz, has a widely diversified list of FFA activities as a member of the Warwick Chapter.

He is in partnership in the family fruit farm. Also, he is in charge of 6000 laying hens and is involved in a canine breeding operation totaling some 50 dogs, including Huskeys, Lasa Apsa, Poodles, Cocker Spaniels and Mastifs.

Reporter for the Warwick Chapter, he has received livestock and poultry proficiency awards and was a member of the winning State FFA softball team.

He is active in church youth groups and an organizer of a community softball league.

He plans continued involvement in the family fruit farm operation.

DEAN ALLISON

Dean Allison, of the Warwick Chapter, combines a hog raising project with work on an area farm.

Conducting a farrow to finish operation with his project sow, he also works on the Raymond Siegrist farm near Lititz.

He has received the Warwick Star Greenhand Award and has been honored with proficiency awards in diversified livestock and swine production.

He has been his chapter's leading citrus salesman for three consecutive years.

Chairman of the chapter's Conduct of Meetings Committee, he hopes to continue a career in swine farming.

Manor

The projects of Brian Ressler, son of Mr. and Mrs. Lee Ressler, R2 Conestoga, in the Manor Chapter have consisted of an annual steer, 50 capons, a heifer and three acres of tobacco.

A member of numerous committees, he held three offices in his chapter, including president, vice president and parliamentarian.

BRIAN RESSLER

Among his awards were a second placing at Penn State in state dairy products judging, which won him a trip to the national convention. There, he received a bronze medal. He was a member of the top dairy judging team at Activities Week, Again, he won a bronze in the national competition. Last year, he was fourth in land judging and will be going to Oklahoma City in May.

He hopes to rent or own his own operation in the future.

JOHN WIKER

John T. Wiker Jr., is the son of Mr. and Mrs. John T. Wiker, River Hill Rd., R1 Conestoga.

His projects during his four years in Manor FFA have included five dairy heifers, 380 feeder pigs, three acres of corn and an acre of tobacco. He served as chairman of the wood cutting committee and on several other groups.

He has shown hogs locally and won numerous ribbons.

He plans to continue working on the family farm.

(Turn to Page D10)

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(Continued from Page D9)

DOROTHY MEYER

Dorothy Meyer has conducted projects in such areas as swine, sheep, corn and work experience in tobacco.

The daughter of Mr. and Mrs. Frank T. Meyer Jr., R2 Willow Street, she has served on many committees. Her competition has included livestock judging, showing sheep and swine with two reserve champion hogs, State meats judging, in the Pennsylvania Association of Farmer Cooperatives, where she now serves on the board of directors.

She has served as chapter secretary for two years and she has won the chain lamb and attended the National Convention.

She hopes to enter into a career in agribusiness, preferably with a cooperative.

SCOTT SHERTZER

Scott Shertzer is the son of Mr. and Mrs. Melvin L. Shertzer, R1 Millersville.

In his four years in FFA, his projects have included two steers, four dairy heifers, turkeys and three acres of tobacco. He has been corresponding secretary of the chapter for the past year.

In addition to many committee posts, he has been the recipient of many major awards. These awards have included Star Chapter Farmer and Greenhand, chain calf and Dairy Production Proficiency.

He plans to continue building his dairy herd and enter into a partnership with his brother.

Jeff Gerlach is the son of Mr. and Mrs. Earl B. Gerlach, R1 Washington Boro.

He has served as chapter sentinel for two years and conducted

JEFF GERLACH

projects in tobacco, corn, swine breeding and finishing, fruit trees and capons.

Among his awards have been chain gilt in ninth grade, reserve champion showman at Solanco Fair and champion showman at Lampeter in 10th grade and grand and reserve champion hogs at Lampeter in 11th grade.

He was Star Chapter Farmer and third in county competition. His proficiency awards have come in swine production and diversified livestock.

He received a gold medal in swine showmanship at the National FFA Convention.

He will continue working on his uncle's farm and work toward his own operation in the future.

MERVIN KEAGY

Mervin Keagy, son of Mr. and Mrs. Robert Keagy, R1 Washington Boro, is the 1982 Lancaster County Star Agribusinessman.

His projects in the Manor FFA have included a variety of truck crops, such as broccoli, cauliflower, peppers, stake tomatoes and pumpkins, as well as tobacco.

His offices have ranged from Ninth Grade Club President to a two-year term as chapter treasurer, as well as presently being county treasurer.

Among his awards are Star Greenhand, outstanding fruit salesman, proficiency awards in crop production and ag sales and service, and a scholarship from Commonwealth National Agri-Loan Corp. to attend the Washington Leadership Conference. He placed third in state competition in public speaking.

He plans to continue truck farming with his family, along with the operation of stands at several area locations. He hopes to someday own his own agribusiness.

(Turn to Page D12)

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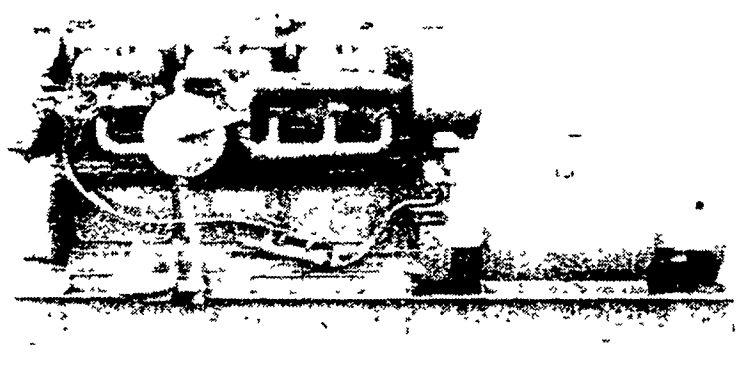

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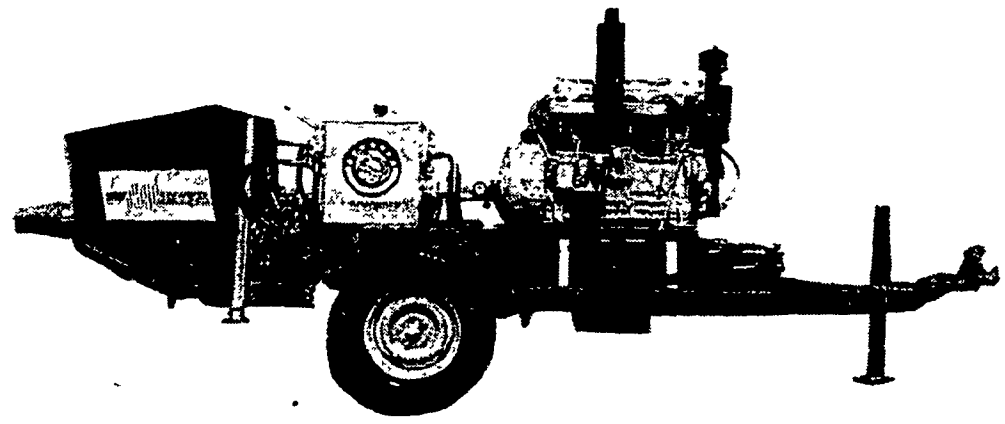

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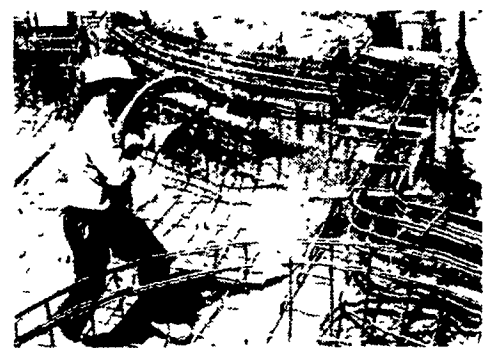

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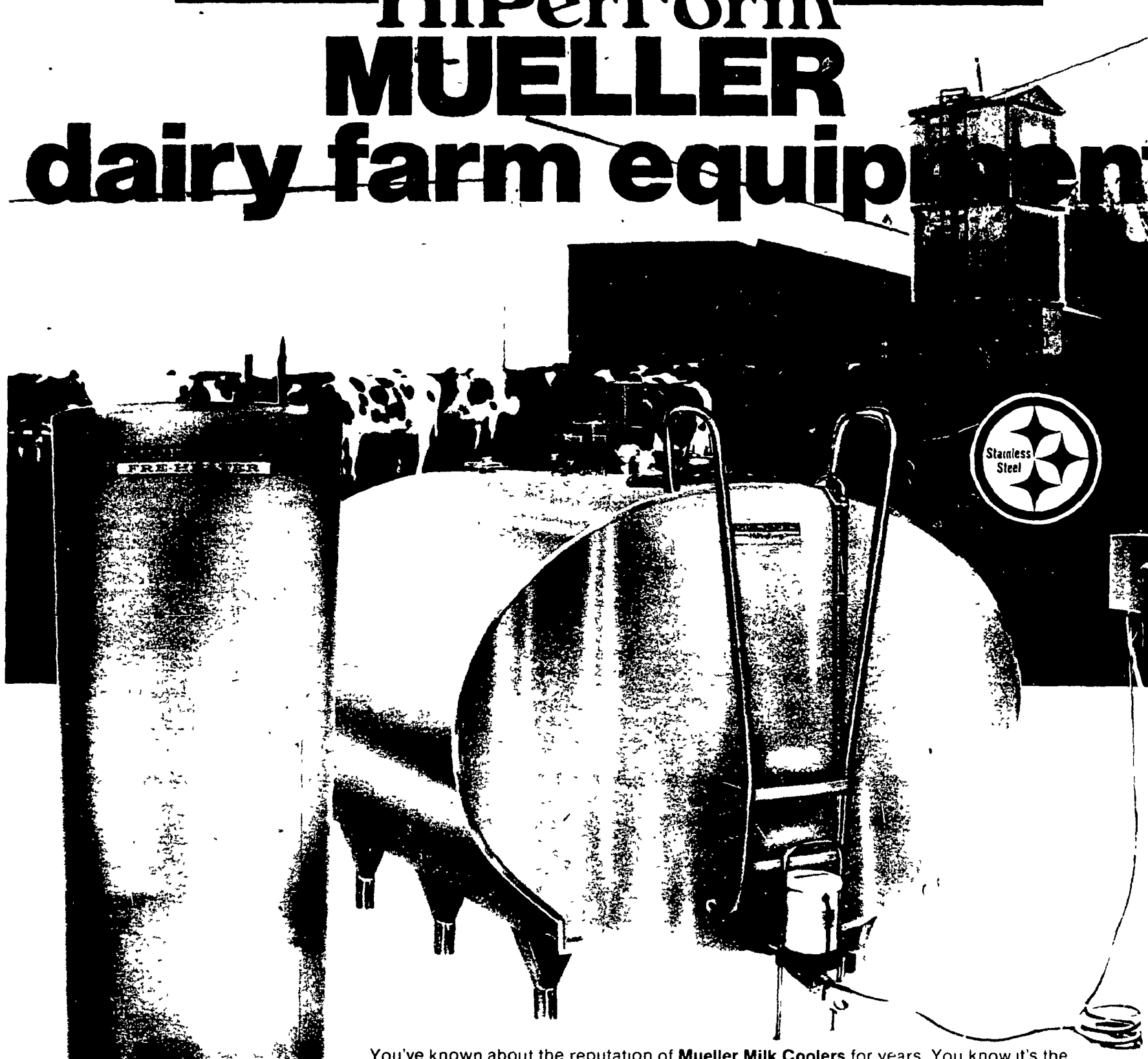

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Meet the Keystone Degree recipients

(Continued from Page D10)

JAY FUNK

Jay Funk is the son of E. Curtis and Betty K. Funk, R2 Lancaster.

His projects in four FFA years have centered on 50 capons, two vealers, a bee hive and five dairy animals.

He has served on a variety of committees.

As a junior he served the Manor Chapter as chaplain and as a senior he was vice president.

He plans to continue working on the family dairy farm.

STEVE MAIN

Steve Main is the son of Mr. and Mrs. Howard S. Main, Bender Mill Road, R2 Lancaster.

Presently serving as president of the Manor Chapter, he has also been treasurer and corresponding secretary.

His projects have included five steers, 21 feeder pigs and three acres of tobacco. A multiple commmittee member, he has been involved in many contests. These include livestock judging, land judging (where he won a first-place at the state level). At the National FFA Convention he won a gold medal in swine showmanship and was also recipient of the chapter's Dombach Award.

He hopes to rent some land in the future for tobacco production and work toward his own farm operation.

TANYA GREEN

Tanya E. Green, daughter of Mr. and Mrs. B. L. Green, Washington Boro, has had projects in tobacco production and work experience.

Her FFA offices have been reporter and historian at the chapter level, reporter and corresponding secretary at the county level.

At the state level, she has been involved in livestock judging with a bronze medal and state chorus. She represented the state on the poultry team at the Eastern States. She has received a foundation award for crop production.

She may attend the two-year ag business course at Williamsport Area College.

Hans Herr

DANIEL WHITE

Daniel C. White is the son of Mr. and Mrs. Clair M. White, of Washington Boro.

He is now a member of the Hans Herr FFA Chapter at Willow Street Vo-Tech, after two years in the Manor FFA. His projects have included 150 capons, 10 acres of tobacco and work on the Mann farms.

He is president of the Hans Herr Chapter and is the Lancaster County FFA Chaplain.

He placed second in the county horticulture contest and sixth in the state, as well as fifth at Eastern States. He is also a winning public speaker.

His future plans call for running for a state office and hopes to have his own nursery landscaping business one day.

Grassland

RONALD MARTIN

Ronald L. Martin, 18, is the son of Charles and Joyce Martin, R1 Narvon.

His projects during his four years in the Grassland FFA Chapter have included nine hogs, 19 veal calves, a dairy heifer and three steers. He has served on several committees.

In his chapter, he has held the posts of chaplain and student advisor, as well as that of county president.

He was a member of the first-place parliamentary procedure team in the state. He is a member of the Pennsylvania Association of Farmer Cooperative Council and Staff for 1983 and was a participant in the American Institute of Cooperation at Purdue University.

He is a member of the Garden Spot Performing Arts and the Industrial Arts Club.

He plans to continue employment at Weaver's Orchards.

(Turn to Page D13)

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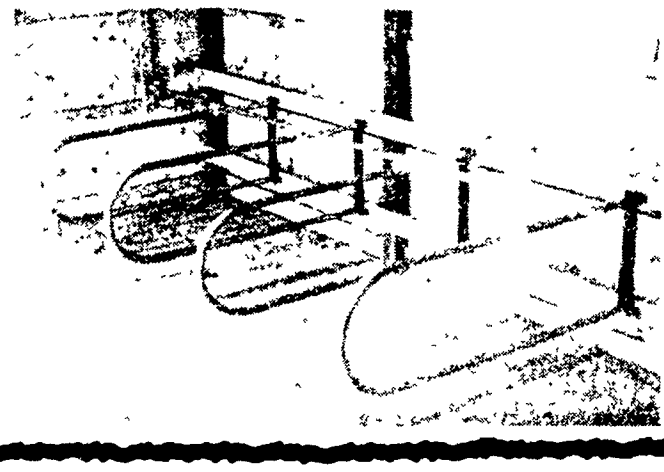

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Top FFA'ers get Keystone Degrees

(Continued from Page D12)

JOHN SWEIGART

John H. Sweigart Jr. has been concerned primarily with wildlife management in his FFA career.

His projects have included wildlife management, bobwhite quail and wild turkeys.

The son of Mr. and Mrs. John H. Sweigart, R3 Narvon, he has held the posts of president and second vice president in his chapter.

He placed first in the 1981 state wildlife management contest and placed 10th last year. He was third in the State Fish and Wildlife Management Proficiency Award and placed first in the State Wildlife Contest.

He plans to attend college to study wildlife management and pursue a career as a game commissioner.

LORI FOX

Lori Fox, 17, is the daughter of Mr. and Mrs. Ronald Fox, Narvon Road, Narvon.

In the Grassland Chapter she has served as reporter, second reporter and secretary. Her proficiency awards have come in soil and water management and diversified livestock. She has competed in state meats and land judging. She was a delegate to the National Convention.

Her projects in FFA have included steers, hogs, field corn, horse, donkey and work experience on a farm. She has served on a number of committees, too.

She plans to follow a career in agriculture or in a farm-related job.

CLIFFORD HORNING

Clifford Horning, the son of Mr. and Mrs. Harvey Horning, R1 Denver, has won three top awards in his FFA career at Grassland, including Star Greenhand, Chapter Star Farmer and Lancaster County Red Rose Star Farmer.

His FFA offices have included chaplain and vice president.

Other major awards include poultry proficiency, second in the County Small Gas Engines Contest, Nursery Operations Proficiency, first in the State Poultry Judging Contest, a silver in national competition and a member of the state's first-place parliamentary procedure team.

His projects have ranged from swine breeding and finishing, beef finishing and veal calves to market lambs, dairy calves and on-farm work experience.

He plans to attend college and major in animal production.

CAROLYN WITMER

Carolyn L. Witmer, daughter of Mr. and Mrs. Earl H. Witmer, R2 East Earl, has recorded an impressive list of activities and achievements in her four-year membership in the Grassland FFA.

She has held the chapter offices of secretary and president, as well as being county vice president.

Besides being Star Chapter Farmer, she has received foundation awards in sheep production and public speaking. Contest placings include seconds in county public speaking and poultry judging, fourth in area public speaking, member of the state's top parliamentary procedure team, member of the first-place All-American dairy judging team and a bronze in state livestock judging.

Her projects have been in market lambs, breeding sheep, sweet corn, on and off-farm work experience.

She plans to attend Penn State and pursue a dual major in animal husbandry and ag education.

LEE ZIMMERMAN

Lee Zimmerman, 17, is the son of Amos and Marian Zimmerman, R1 New Holland.

His projects have included work on the Miles W. Fry and Son nursery farm and also at the Galen Crouse dairy farm.

He also has had three hog projects.

Serving on several committees, he has won foundation awards in nursery and ornamental horticulture.

He plans to become a truck driver upon graduation.

(Turn to Page D14)

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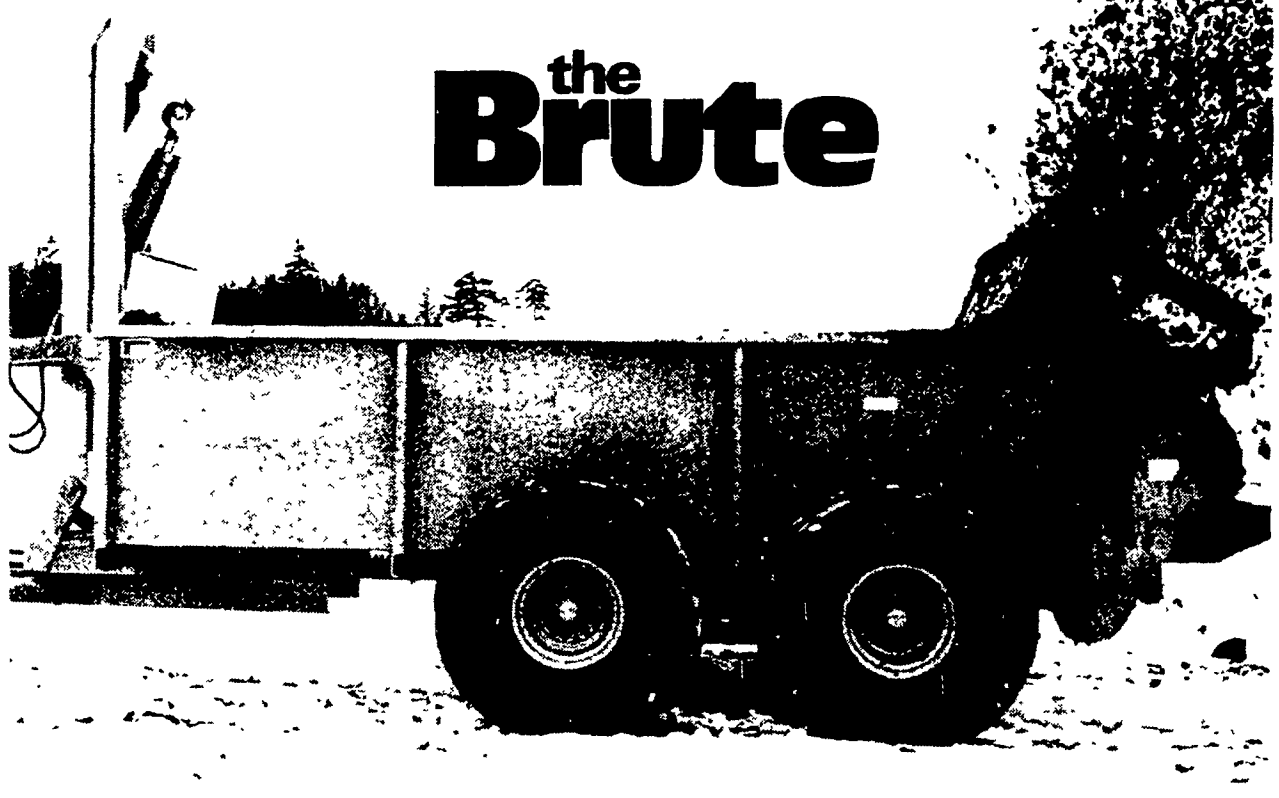

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Hail FFA's Keystone Farmers

(Continued from Page D13)

GARY MARTIN

Gary L. Martin, 17, is the son of Lloyd M. and Esther A. Martin, of Blue Ball.

He has conducted projects concerning his pony, rabbits and turkeys.

He has held the FFA offices of sentinel and second treasurer.

In addition to serving on several committees, he has been awarded a number of ribbons for his placings in livestock and dairy judging.

He has been active in FFA exhibit work and has participated in varsity wrestling and track. He is also very active in Boy Scouts.

He hopes to follow an environmental career, such as wildlife management.

WILLIAM HURSH

William Hursh Jr. has been involved in FFA projects in market hogs and work experience on the Harold Wissler crop, livestock and poultry farm.

His FFA offices include Ninth Grade President, second sentinel and first sentinel.

He was a member of the champion parliamentary procedure team, won a proficiency award in ag production and was Star Red Rose Agribusinessman of his chapter. He was also a gold medalist in the state land judging contest.

He plans to continue working on the Wissler farm after graduation and possibly attending college in the future.

MARIA LORAH

Maria L. Lorah has been named Star Chapter Farmer at Grassland and also has held the offices of second chaplain and vice president.

The daughter of Douglas L. and Patricia L. Lorah, R1 East Earl, she is a USNAA recipient. Other awards include a silver in state and county record book for lab experience, bronze and silver for record book in ag production, sheep foundation award, outdoor recreation award, bronze and silver in state and county meats judging, chain animal essay winner, honorable mention and fifth in state and county wildlife contest and counselor at the Lancaster County Youth Conservation School.

Her projects have included market lambs, breeding ewe, wildlife conservation, lab experience and work experience in the meat department of Yoder's Country Market.

She plans to work and travel and then attend college – either Delaware Valley College or University of Delaware.

Cloister

DWIGHT GRAYBILL

Dwight Graybill, 17, is the son of Donald and Mary Jane Graybill, W. Church St., Stevens.

A four-year member of the Cloister FFA, he now serves as chapter treasurer.

His projects have included steers, capons and growing corn. He won a silver medal in the state livestock judging and has shown the grand champion capon twice in Lancaster County.

He also is employed at the Triple G Country Market. He has also taken part in varsity golf, basketball and tennis.

He plans to continue work in the family business and dairy farm.

KEITH MARTIN

Keith A. Martin now serves as president of the Cloister FFA Chapter at Ephrata High School.

He has also served the chapter in the post of sentinel.

The son of Leonard W. and Annabel Martin, R4 Lititz, he has had projects raising potatoes and working in the Martin diesel shop.

Besides serving on a number of committees, he attended the 1982 national convention and has received the proficiency award in ag sales and service.

(Turn to Page D15)

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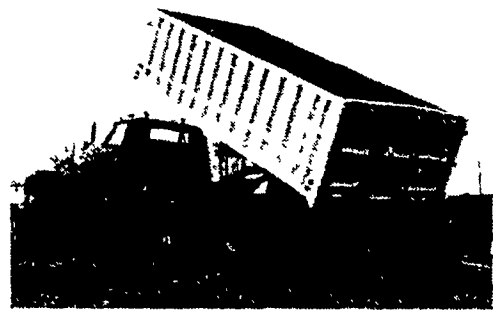

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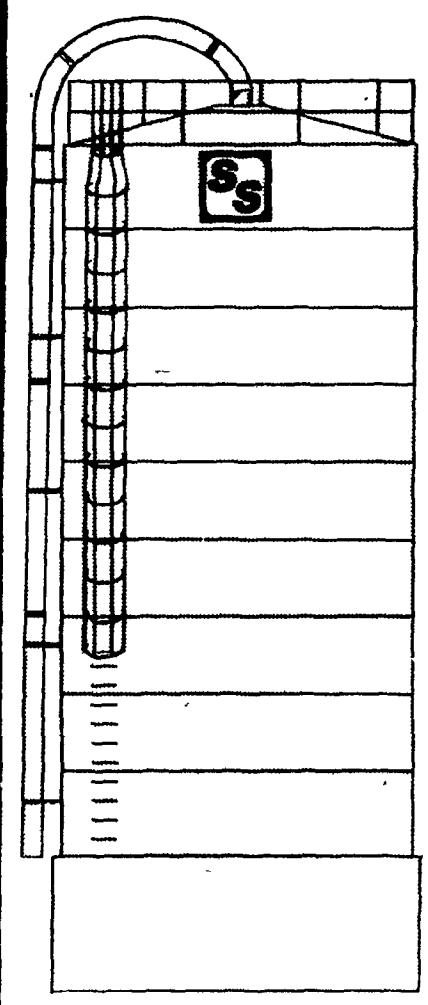

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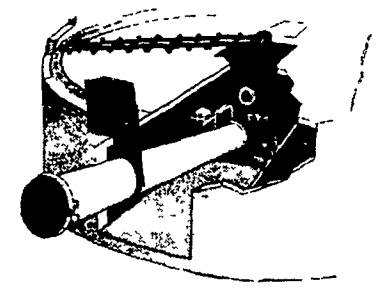

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(Continued from Page D14)

He plans to work in agribusiness and eventually become involved in trucking.

JAMES MUSSER

James L. Musser, son of Paul and Ruth Musser, R1 Ephrata, has conducted FFA projects with two sows, market hogs and pumpkins. Last year, he held the post of chapter chaplain.

His awards have included the chain gilt, feeder pigs and a trip to the 1981 national convention.

Presently employed at Hamilton Equipment Co., he hopes to become a salesman someday for a wholesale distributor.

DAVE SMITH

Dave Smith has received both the Star Greenhand and Star Chapter Farmer awards of the Cloister Chapter.

The son of Stanley and Christine Smith, R2 Denver, his projects have involved market hogs, dairy heifers, gardening, capons and strawberries. In addition, he has worked on a poultry farm and a dairy farm.

Presently, he holds the post of Cloister Chapter vice president. He has received various dairy judging awards and attended national convention.

He hopes to someday own a small farm or be involved in an ag related business.

JAMES BOLLINGER

James S. Bollinger, 17, is the son of Ray P. and G. Geraldine Bollinger, Durlach Hill Road, R1 Stevens.

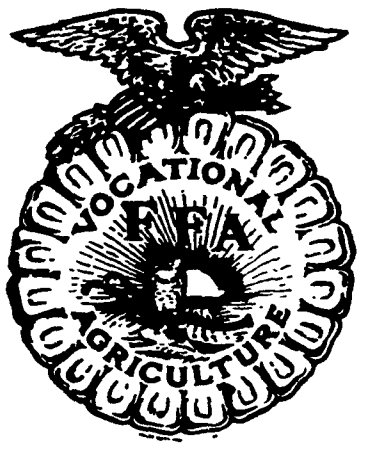
His projects have included four dairy cows, 40 feeder pigs, field corn and oats.

He presently serves as secretary of the Cloister Chapter.

In dairy judging, he placed second individually at Penn State in 1981 and went on to Eastern States Exposition as a member of second-place team. Last year, he placed sixteenth and as a member of the third-place team went to Madison, Wisc.

He won the dairy proficiency award in 1981 and 1982.

He hopes to own and operate a dairy farm.



RICHARD STAUFFER

Richard L. Stauffer, 17, is the son of Ernest and Carol Stauffer, 2077 W. Main St., Ephrata.

His FFA projects at Cloister have included market hogs, squash and sweet corn.

He has chaired several committees and attended the national convention. He won a chain gilt in chapter competition and has had high placings in a number of market hog shows.

He hopes to become a salesman and eventually own a small farm.

MICHAEL GARMAN

Michael D. Garman, son of Ivan and Charmaine Garman, R1 Ephrata, has conducted a variety of projects, including seven steers, 25 pigs, 15 sheep, five market lambs, two acres of corn, two acres of hay and two acres of tobacco.

His awards have included those for proficiency in home and farmstead improvement and diversified livestock. He went to the state competition in ag mechanics in 1981. He showed the champion steer at the Ephrata Fair and had the reserve champion market lamb at the Manheim Fair.

He has served on a wide variety of committees, including being chairman.

He plans to continue to be involved in the family business, Garman Builders, Inc., and continue to show and raise livestock. Someday, he hopes to have a livestock farm with his brothers.

(Turn to Page D16)

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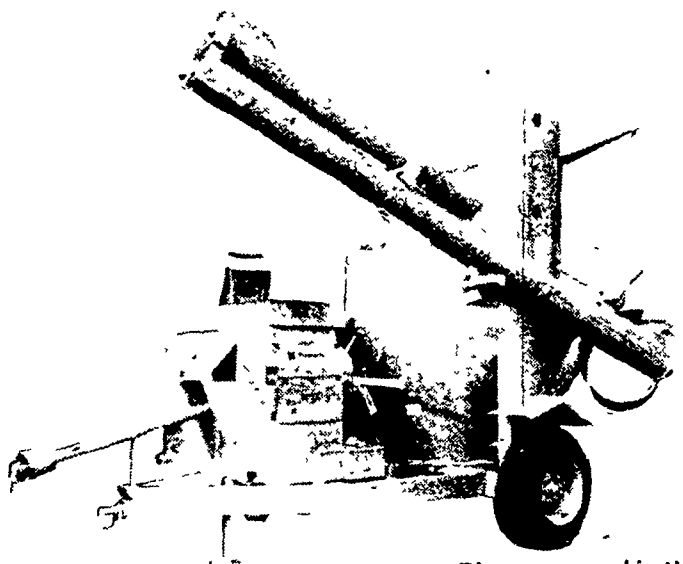

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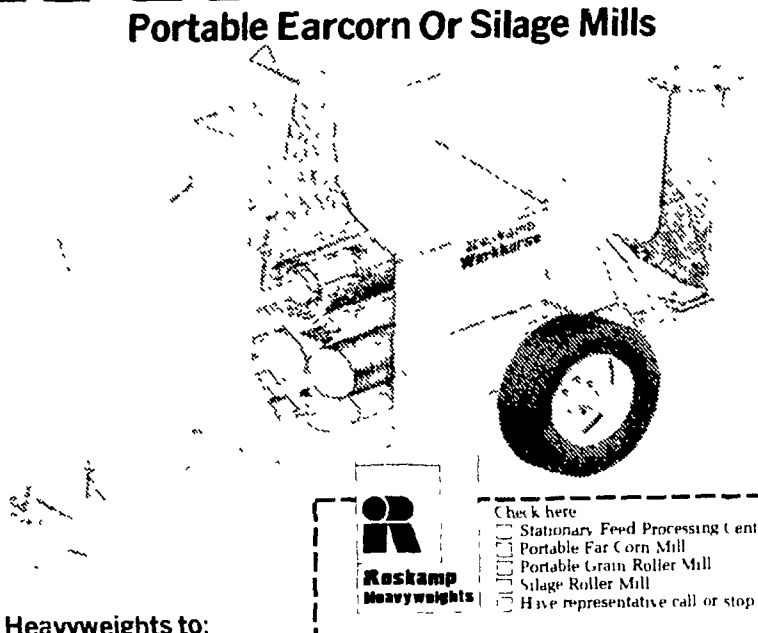

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Pa. honors its Keystone Farmers

Adams

(Continued from Page D15)

Apple City

BRIAN HELLER

Brian R. Heller, 19, is the son of Paul E. and Ronda M. Heller, R1 Biglerville.

As a member of the Apple City FFA, he has participated in the chapter's BOAC projects, as well as competing in contests as the Adams County land judging. He also took part in the county project book competition and attended the leadership training conference.

His work experience has included three years on a fruit farm and work with livestock. He is the chapter's recipient of the fruit production proficiency award.

He has been active in the Arendtsville Junior Firemen and now is a member of the senior fire company and the Medical Assist Team.

He plans to continue work on a fruit farm and work toward his own operation.

WILLIAM BARAL

Dairy calf and cow projects and work on his parent's dairy farm have been the major projects of William H. Baral, son of Louis F. and Mabel A. Baral, R4 Gettysburg.

In addition to many posts on chapter committees, he has taken part in All-American dairy judging, KILE livestock and meat contest and State SOE contest. He received the Apple City proficiency award for two years and the Upper Adams School District Agricultural Award.

He has been active in the Heidlersburg and Adams County 4-H, serving as club vice president and county treasurer and on the senate. He is a school scholar and member of the National Honor Society.

A 1982 graduate of Biglerville High, he is now enrolled in dairy herd management at the Walkway Bible Vocational Institute.

Berks

Oley Valley

Gary K. Hauseman, 17, has recorded an impressive list of FFA accomplishments in four years membership in the Oley Valley Chapter.

He has been named both Star Greenhand and Star Chapter Farmer. He has served as both chapter treasurer and president, as well as Berks County sentinel. He has received the proficiency award in dairy production.

In addition to dairy herd, his

GARY HAUSEMAN

projects have included field corn and Brown Swiss calves and cows.

The son of David and Jane Hauseman, R4 Boyertown, he is a member of Eastern Berks 4-H.

He plans a career in dairying.

PHILIP LEVAN

Philip Levan, 18, is the son of Charles and Linda Levan, R1 Oley.

In the Oley Valley FFA, his main project has been the growing of field corn.

Presently president of his chapter, he has served Oley Valley as both treasurer and reporter in the past.

He plans a career in hog production.

Hamburg

MARK ROHRBACH

Mark A. Rohrbach, of the Hamburg Area FFA, has participated in a diversified list of projects in his four years in FFA. These include machinery repair and overhaul, dairy, market hogs, swine breeding and broilers.

The son of Leonard and Jean Rohrbach, 640 Dreibelbis Mill Road, Shoemakersville, he now serves his chapter as treasurer, He was third in livestock judging at FFA Activities Week at Penn State and won a bronze medal in livestock judging at the 1982 national convention.

(Turn to Page D18)

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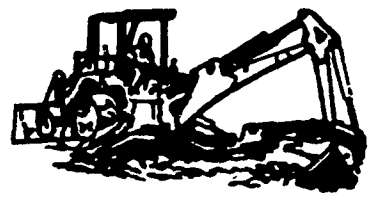

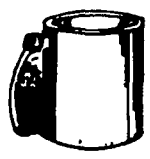

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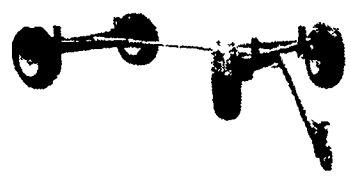

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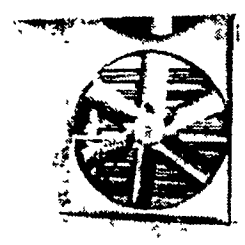

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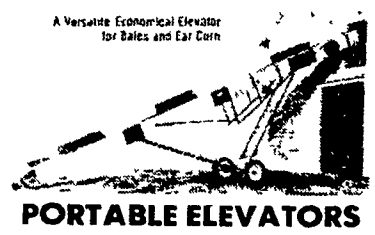

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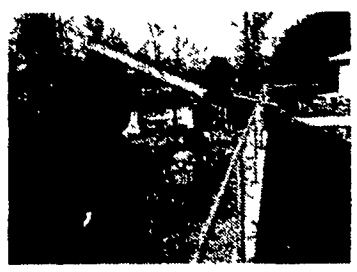

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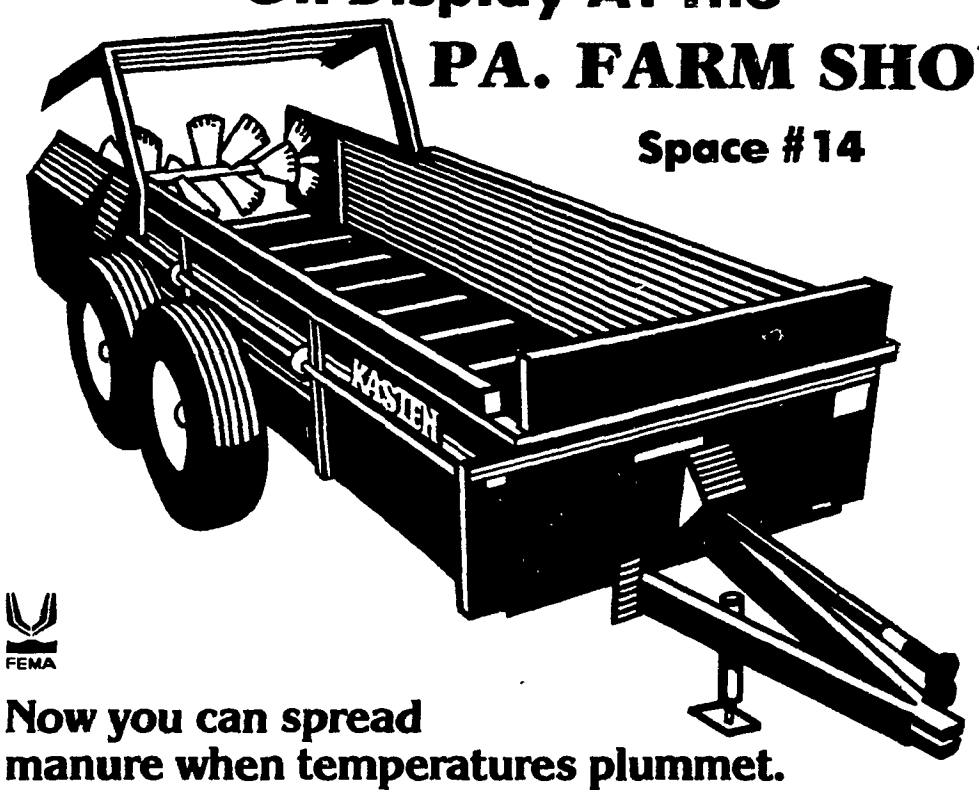

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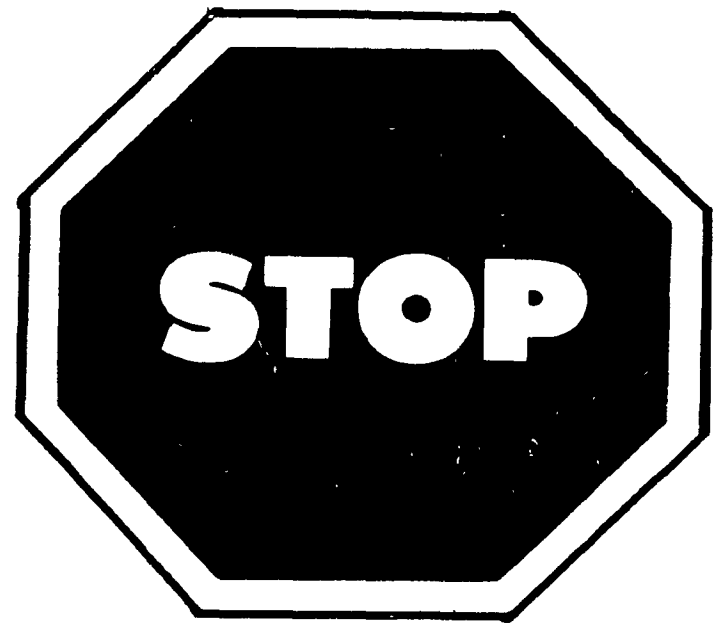

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Meet Pa.'s Keystone Farmers

(Continued from Page D16)

He has been a member of the Hamburg Area High School Band for six years.

He plans to continue farming with his parents and develop a swine breeding and dairy operation.

Tulpehocken

WILLIAM LESHER

William W. Lesher, son of Wayne and Shirley Lesher, R1 Bernville, has served as historian, vice president and president for two years of the Tulpehocken FFA.

County vice president, he has received his chapter's Star Greenhand Award. He has finished first in both county land judging and dairy judging competition and was a high finisher in both state and Eastern States dairy judging..

His projects have been in the areas of dairying and corn production, as well as membership on numerous chapter committees.

His extracurricular activities include band president, member of Pop Band, 4-H vice president, county council president and a member of the Junior Holstein Club. He is a member of the Student Council and the National Honor Society.

He plans to take a two-year course at Penn State in ag business.

JAY BICKSLER

Jay A. Bicksler, 17, is the son of Ray E. and Barbara Bicksler, R1 Richland.

In the Tulpehocken Chapter, he has served as junior secretary and secretary and vice president for two years. His awards have included dairy proficiency, county bronze in project book, outstanding dairy judging award and a member of the second-place dairy judging team at Penn State and at Eastern States, where he placed first as an individual.

Active in 4-H and Grange, he will continue to work on the family dairy farm and work toward his own operation.

CLARK SATTAZAHN

Clark R. Sattazahn, son of Robert and Jane Sattazahn, R1 Womelsdorf, has had a variety of projects in the Tulpehocken FFA. They have included dairy herd, field corn, alfalfa and wheat.

In addition to being chairman and member of numerous chapter committees, he has served as junior vice president and secretary for the past two years.

Besides proficiency awards in dairy and corn production, he has finished in the top spot in both yield and quality in the county corn contest, as well as major awards in public speaking and state project book competition.

He has been very active in 4-H at the club and county level, as well as in Grange.

While continuing to work on the family farm, he hopes to have his own operation one day.

Conrad Weiser

SCOTT TROUTMAN

(Turn to Page D19)

Scott A. Troutman, 17, is the son of Mr. and Mrs. George S. Troutman Jr., R1 Myerstown.

His projects in the Conrad Weiser FFA Chapter have included dairy herd, hay and corn production.

A former sentinel of his chapter, he has served as president for the past two years. Recipient of both the Star Greenhand and DeKalb Awards, he has also won the dairy proficiency award and a sixth individual placing in state dairy judging and member of the second-place team at Eastern States Exposition.

He plans a career in dairying.

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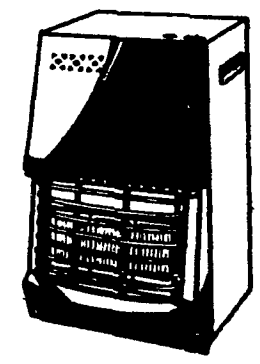

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Keystone Degree awarded to state FFA'ers

(Continued from Page D18)

MIKE MILLER

Mike Miller had had at least five different major FFA projects in the Conrad Weiser Chapter, including small grains,. hay, corn, beef cattle and swine finishing.

The son of Ralph and Irene Miller, RD Womelsdorf, he has also served on many chapter committees.

He plans a career in farming.

C. ANDREW HESS

As Star Chapter Agrisbusinessman of the Conrad Weiser Chapter, C. Andrew Hess plans to continue working as a butcher assistant and working toward one day operating his own butcher shop.

The son of Frank B. and Monica A. Hess, R1 Robesonia, he has served as chairman of several chapter committees and has served on other groups.

In addition to serving as chapter reporter, he has shown steers at the Kutztown and Reading Fairs, placing high in both type and fitting.

His chapter's Creed speaking winner, he is also active in 4-H. He has also been a winning competitor in livestock judging.

Twin Valley

Scott Stoltzfus, 18, is the son of Mr. and Mrs. Wilmer Stoltzfus, R2 Elverson.

In the Twin Valley Chapter, he has conducted projects in swine breeding and finishing, field corn and SOE.

President of his chapter, he has scored high in swine showng at Farm Show and the Berks County Roundup, including first in showing and second in fitting.

He has been a member of the county parliamentary procedure team and has competed in

SCOTT STOLTZFUS

agronomy, project book, livestock, salesmanship and tractor driving contests. He won major placings in livestock and dairy judging at the Kutztown and Allentown Fairs. He has also participated in All-American dairy judging.

PAM TROSTLE

The projects of Pam Trostle, daughter of Ronald and Gale Trostle, R1 Mohnton, have included rabbits, poultry and wildlife.

A member of a number of committees, she has been named her chapter's Star Greenhand and has served as reporter for two

(Turn to Page D20)

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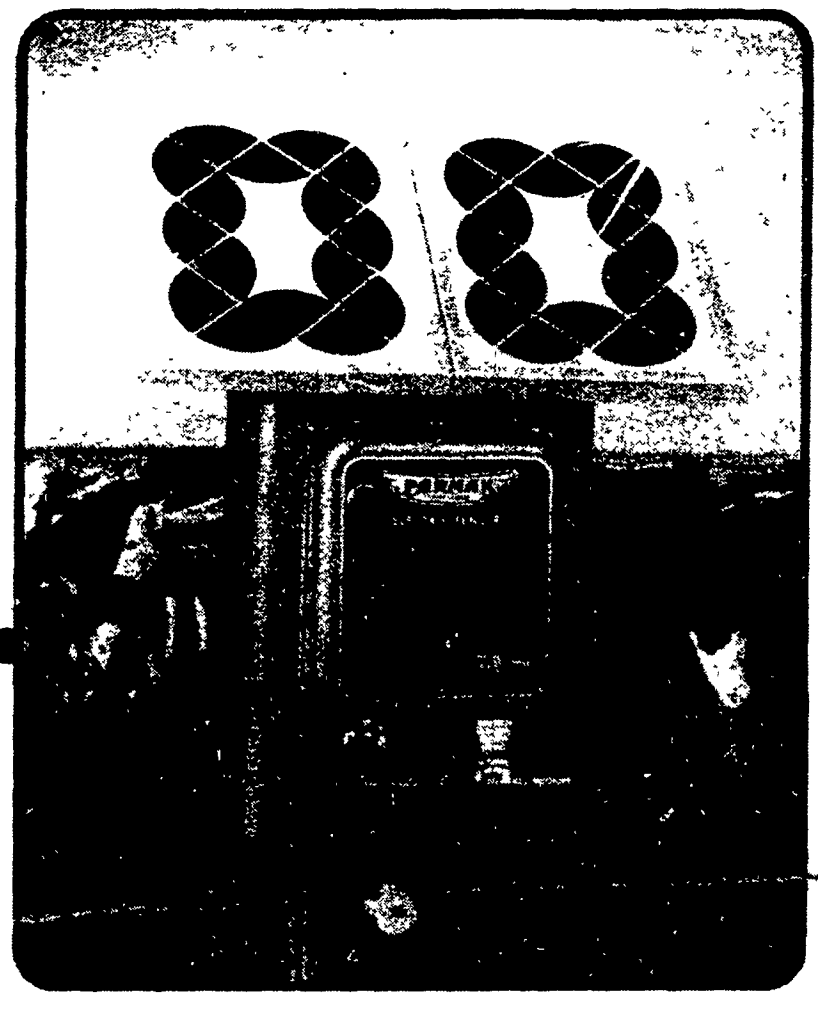

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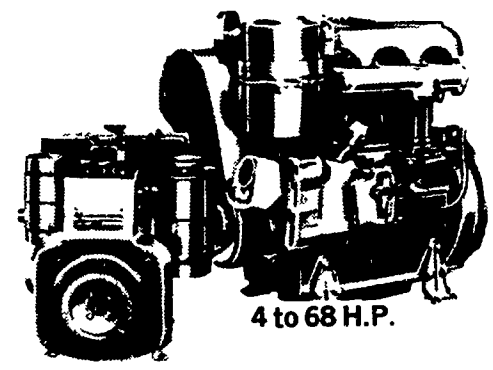

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Meet Pa.'s Keystone Farmers

(Continued from Page D19)

years. She has taken part in livestock and dairy judging, as well as wildlife competition. Among top placings he[r] been a first in the Forestry [&] Wildlife Contest at the P[enn]no Environmental Education [Cen]nter.

She was third [in] [th]e State Wildlife Contest and h[as] competed extensively at the Kutztown and Allentown Fairs.

She would like to follow a career with a park service or the Pennsylvania Fish or Game Commission.

TOM HORNBERGER

Tom Hornberger, 18, is the son of Mrs. Sandra Lafferty, R1 Birdsboro.

His major project in the Twin Valley FFA has been raising sheep and showing them.

He has won major awards in sheep showing at both the Farm Show and KILE. In addition, he has taken numerous first-place awards with his sheep at Kutztown Fair, Oley Fair and the Reading Fair.

In other competition, he has been a high finisher in salesmanship, project book, meats and livestock judging.

He plans to enter the Navy in April.

Kutztown

JON ZOLLERS

Jon Andrew Zollers, 17, is the son of Mr. and Mrs. William Zollers, R2 Mertztown.

A student at Brandywine High School, his projects have included Guernsey dairy herd, corn, hay and small grains.

He has shown his Guernseys to top placings at the Kutztown, Carbon County, Oley, Reading, Kimberton and Allentown Fairs, as well as the Southeast District FFA Show.

He has served as assistant vice president of his chapter and received the proficiency award in crop production. He has served on many committees and chaired those concerning floats, dues and honor roll.

He plans to attend college and someday manage a dairy farm.

STEVEN MERTZ

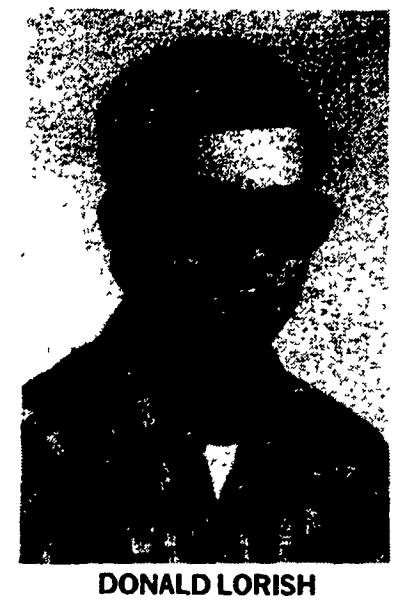
Steven L. Mertz, 17, is the son of Larry and Carol Mertz, RD Fleetwood.

Among his projects have been dairy cattle, corn and four feeder steers. Presently vice president of the Kutztown FFA, he has also served as sentinel.

He has been a member of numerous committees and served as chairman of many. An exhibitor at a variety of fairs, including Kutztown, Oley Valley, Reading and the District Junior Dairy Show, he has participated also in dairy judging.

Among his awards have been a first in county project record book and a third in county corn yield contest. His proficiency award has been in home and farmstead improvement.

He plans to continue working on the family farm.



DONALD LORISH

Donald Lorish, 18, is the son of Raymond and Linda Lorish, R1 Alburtis.

In his five FFA years, he has conducted projects in dairy herd, as well as work experience on a dairy and crop farm.

A participant in dairy judging, he has shown his Holsteins widely at the Kutztown and Allentown Fairs and the Southeast District FFA Dairy Show.

He has also participated in tractor driving and small gas engines competition.

He has been awarded a silver medal in State Project Book competition. He has been a member of the State FFA Chorus.

He hopes to one day have his own farm.

DAVE RICE JR.

Dave Rice Jr., 17, is the son of Mr. and Mrs. David Rice Sr., R2 Kempton.

Besides work experience on a dairy and crop farm, he has had projects in dairy herd, corn and hay.

President of the Kutztown FFA Chapter, he has also served as

(Turn to Page D21)

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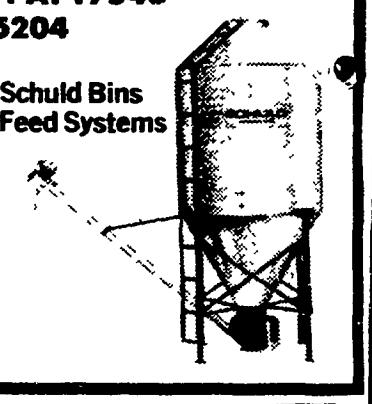

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(Continued from Page D20)

chaplain of the chapter and of the county FFA and chapter treasurer. He has been chairman of at least eight different committees and served on many more.

A participant and high placer in public speaking and parliamentary procedure contests, he has competed in dairy foods, interview, livestock, dairy and land judging, too. He has shown his Holsteins at a number of local fairs.

He has received bronze medals in both state dairy and livestock judging competition. His proficiency awards have been in electrification and ag production.

He plans to rent the family farm, milk some 30 cows and be fully responsible for the entire operation, including herd, crops and records.

Bucks

Upper Bucks

KRIS SHIVE

Kris Shive, 17, daughter of Richard and Ranay Shive, Quakertown, has held many offices and won many top awards in the Upper Bucks Tech FFA.

As a student from Quakertown Community Senior High, she has served as chapter president and vice president and was Star Greenhand and Star Chapter Farmer. She has won top awards in dairy production and judging, diversified livestock and swine production.

Her main projects have been two Brown Swiss heifers and market hogs.

A member of numerous committee, she plans to attend Delaware Valley College to major in dairy husbandry.

Middle Bucks

JIM TAYLOR

Jim Taylor, 17, is the son of George and Gloria Taylor, of Doylestown.

A student at Archbishop Wood Boys School, Warminster, he is a member of the Middle Bucks Vo-Tech Chapter.

His projects at Middle Bucks have included raising a crop of hardy mums and participation in the co-op program.

He works at Russell Gardens in Churchville.

He has served as student advisor and won first place in the nursery and landscape contest at Activities Week at Penn State and was a National Gold Medalist in the same category.

He plans to attend Penn State and major in ornamental landscape.

Chester

Oxford

Arnold Davis, son of Larry and Naomi Davis, R1 Cochranville, has held top FFA offices at both the chapter and county level.

He has served as vice president of the Oxford Chapter and now serves as president. In addition, he is Chester County vice president.

ARNOLD DAVIS

His projects have centered on five Hereford steers during his four years of FFA membership. He has also served on several committees.

He is president of the Lincoln University Mennonite Church Youth Group.

He plans to remain employed on the Dick Hood dairy farm at Jennersville.

ALVIN MILLER

A 1982 graduate of Oxford Area High School, Alvin G. Miller is the son of Mr. and Mrs. Alvin Miller, R1 Lincoln University.

He was a member of last year's State FFA Band.

During his senior year, he served his chapter as student advisor.

Besides being a high school band member for four years, he played two years of varsity football.

He is now employed as mechanic in the family garage business.

LARI ENGLAND

Lari England has had varied livestock projects as a member of the Oxford FFA. They have included swine finishing, dairy cows, heifers and calves, horses and goats.

She earned her two horses by working at a neighboring horse farm. Her dairy stock was earned by working on the family farm.

She was fruit sales champion for three years in her chapter. Her awards have come in the areas of swine production, dairy production, horse proficiency or service and agricultural sales.

She served as secretary of a local horse show for the past two years.

She plans to become a game warden or continue working on the family farm.

JOHN HOSTETTER

John Hostetter, 17, is the son of Mr. and Mrs. Wilmer L. Hostetter, of Oxford.

His work experience program has included ownership of two cows, two bulls, a heifer and quarter ownership of two additional cows. He also assists his father in the family grain business.

In the Oxford Chapter, he has held the offices of reporter and vice president. He was a member of the dairy judging team that placed second in the state contest in 1980. He placed fifth individually.

He has been a four-year varsity wrestler and a member of varsity football for three years.

He plans to continue to work on the family dairy farm and work toward his own registered herd in the future.

Octorara

BILL MAC CAULEY

Bill MacCauley, 17, is the son of Mr. and Mrs. William MacCauley, R1 Atglen.

In addition to serving as student advisor at the chapter and county level, he is now president of the Chester County FFA.

He finished second in state sheep proficiency and was first in livestock judging. He received a bronze award at the national livestock judging competition.

His projects have included sheep, beef and corn production. He has served on numerous committees and attended both the national convention and Washington Leadership Conference.

In 4-H he has been active in both livestock judging, sheep and baby beef. He is a member of the National Honor Society.

He plans to attend college and major in agribusiness, specializing in computers, plus continue to raise and show sheep.

(Turn to Page D22)

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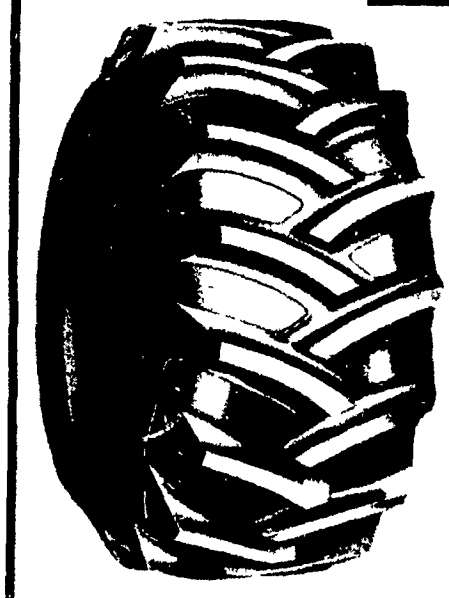

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(Continued from Page D21)

MARK STOLTZFUS

Mark Stoltzfus, 17, is the son of Raymond and Jane Stoltzfus, R1 Parkesburg.

Presently, he serves both as chapter vice president and county sentinel. His work experience has been contered on the family dairy farm. Other activities have been committee membership, competition in public speaking and member of the parliamentary procedure team.

He has been a member of the varsity wrestling team and his church youth group.

College and farming are in his future.

DAVID BLANK

David Blank, son of Elam and Dorothy Blank, R1 Parkesburg, is president of the Octorara FFA Chapter.

He received a bronze award in state competition in small gas engine competition and has won his chapter's ag mechanics proficiency award.

He has participated in the SOE program and served on several chapter committees. A member of the parliamentary procedure team, he has also competed in public speaking. He attended both the national convention and the Washington Leadership Conference.

He plans to attend college and major in computer science.

Cumberland

Cumberland Valley

Frank E. Shoop Jr., 19, is the son of Frank and Susan Shoop, of Enola.

His projects have been concentrated in the area of off-farm work experience. He has served on several committees and chaired the tractor driving committee.

He has served as chapter historian and sentinel. His awards have included a first place in project book on work experience and a foundation medal in home improvement.

He plans to continue to follow a career in the family Shoop's Trailer Sales business.

FRANK SHOOP

Steven E. Paulus is president of the Cumberland Valley FFA Chapter. Also, he has served his chapter as junior vice president and student advisor and now is CDP Area FFA Vice President.

His numerous projects have included poultry, dairy herd, swine finishing, beef finishing and field corn.

Besides serving on a number of committees, he has placed high in the state project book competition, won the Area Production Credit Award in 1981 and foundation medals in poultry, dairy and swine production.

He hopes to one day have his own herd of registered Holsteins.

STEVEN PAULUS

Dauphin

Upper Dauphin

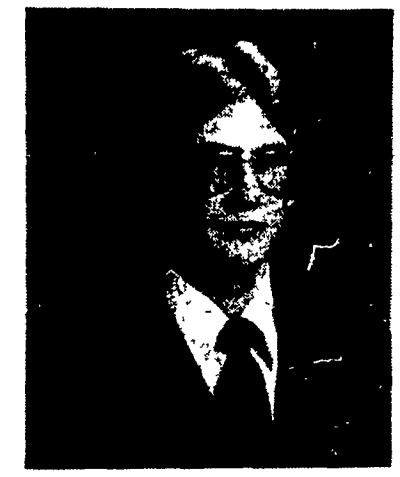
David Feidt, is president of the Upper Dauphin FFA Chapter.

In addition he is student advisor of the Cumberland-Dauphin-Perry Area FFA. His awards have come in the area of dairy production and ag mechanics.

His FFA projects have been concentrated on Brown Swiss dairy animals.

The son of Eugene and Delores Feidt, of Elizabethtville, he is active in Student Council and the Co-op Program.

He plans to work on his grandfather's farm or attend diesel mechanic school.



DAVID FEIDT

MARK HARRIS

Mark Alan Harris, 17, son of Kenneth and Dawn Harris, Star Route, Spring Glen, has conducted

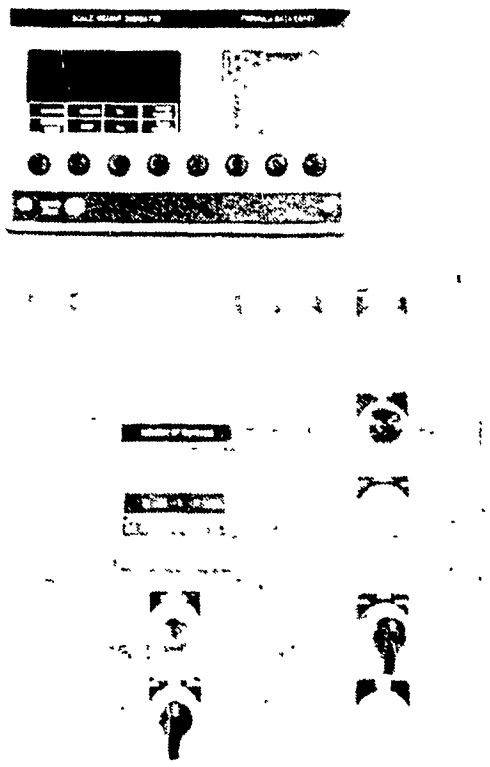
(Turn to Page D27)

A MAJOR BREAKTHROUGH IN FEED PROCESSING!

TAM-WEIGH

MANUFACTURED EXCLUSIVELY FOR TAM AGRI BY THE NATION'S LEADER!

AUTOMATED FEED WEIGHING, BATCHING AND CONTROLLING



Definitely the answer to your demand for a weigh system! An electronic batching panel that measures with supreme accuracy!

COMPARE! WHEN YOU COMPARE THE TAM-WEIGH SYSTEM TO VOLUMETRIC BATCHING YOU'll HAVE OUTSTANDING IMPROVEMENTS

See A Working Model At The PA Farm Show, Space #152

- **ACCURACY IMPROVED** Measuring by weight rather than volume assures exact portions resulting in a more uniform formula.
- **MAINTENANCE MINIMIZED** Solid State circuitry is the key to Tam Weigh's dependability.
- **PROFIT GAINED** More output — less man hours. Greater accuracy...lower cost. Faster Batching.
- **OPERATION SIMPLIFIED** Tam Weigh is virtually a one-man operation. Formulas are changed easily.
- **LABOR COSTS REDUCED** Contrast your present operation with a simple one-man system.
- **DEPENDABILITY ASSURED** Developed exclusively for Tam Agri by an internationally acclaimed manufacturer of weigh systems.

PLEASE SEND MORE INFORMATION ABOUT NEW TAM WEIGH PROCESSING

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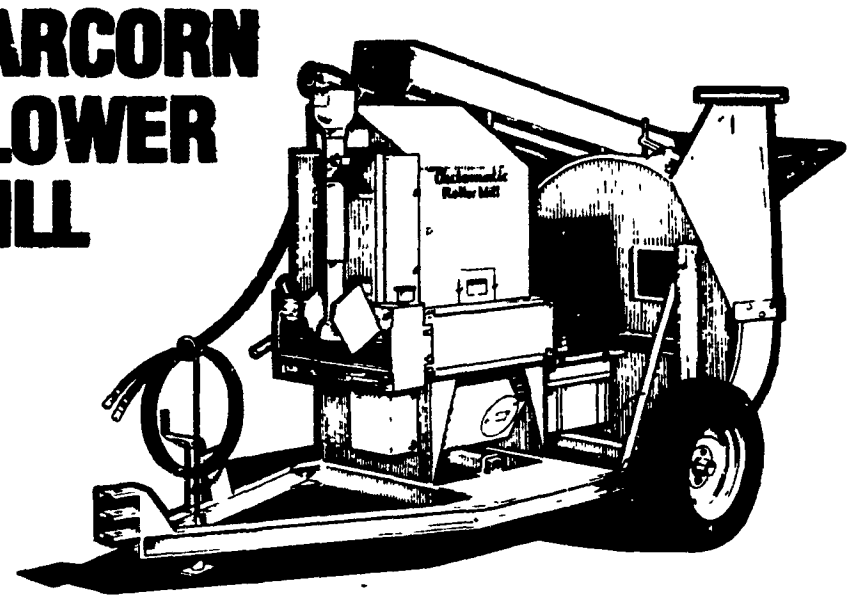
the one that keeps rolling when others quit!

Automatic EARCORN BLOWER MILL

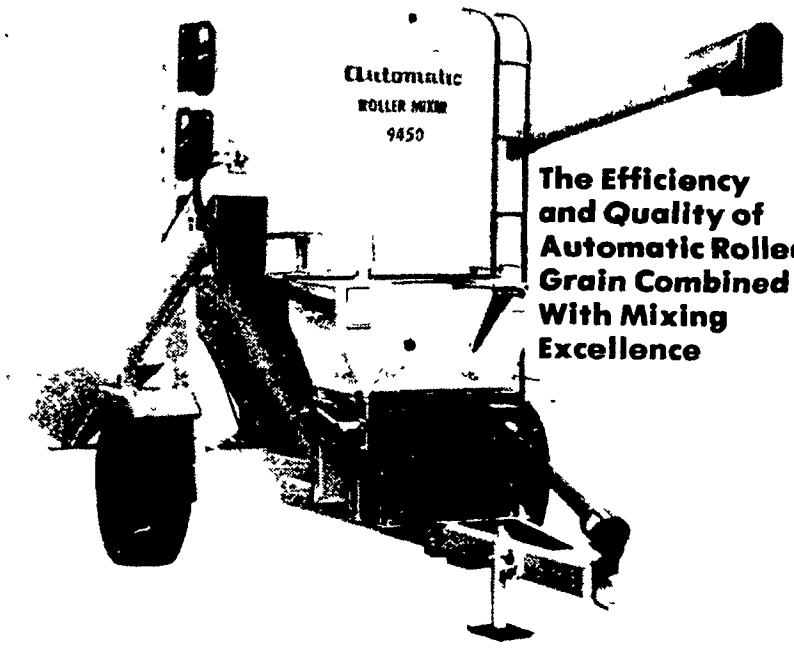


Automatic pioneered the development of the unique crusher unit which shells corn and shreds the cob ahead of the rollers which crack the kernels and reduce the cob further. No troublesome screens to change or slow down the capacity. It comes with 8-foot hydraulic intake auger and 54-inch blower. Also available with an 11-inch tilting discharge auger with 10-foot reach in place of the blower.

- **UNIQUE CRUSHER ROLLS** shell the corn, crush the cob ahead of the rolls, no screens to plug.
- **FATIGUE-PROOF DRIVE SHAFTS,** ground and polished.
- **CARBON STEEL ROLLS,** hardened to a 56 Rockwell "C", out-perform other rolls in capacity and durability.
- **20-SPLINE,** 1¾-inch PTO shaft with shear pin protection.

Automatic ROLLER-MIXER

A NEW IDEA IN MIXER-FEEDERS



The Efficiency and Quality of Automatic Rolled Grain Combined With Mixing Excellence

Available With ELECTRONIC WEIGHING

Roller-Mixer* gives you both...

• SUPERIOR PROCESSING • SUPERIOR MIXING

Now Available - Phone For Details

Fill your needs with BONITA high capacity heavy duty single chain feed conveyors

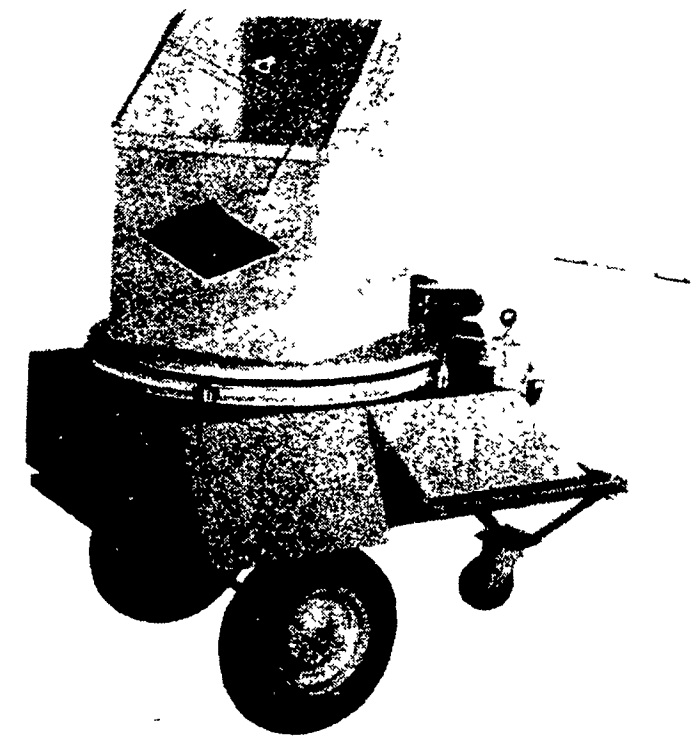
BONITA feed conveyors are built for endurance and convenience

SUPER-TOUGH CONSTRUCTION MEANS TOP PERFORMANCE YEAR AFTER YEAR! Bonita single chain feed conveyors offer capacity and endurance to spare. Their extra wide 10¼" troughs combine with rugged 16 gauge steel frame, even heavier gauge head and base sections and special reinforcements at points of greatest stress to withstand heaviest service.

And check these additional strong points.

- heavy-duty roller chain final drive stage
- self-cleaning base section...avoids stopage due to pockets of frozen material
- sealed ball bearings on large 1-1/8" dia. head and foot shafts
- special sprockets with relief at tooth roots to help prevent buildup of materials
- totally enclosed chain return for maximum safety; also eliminates feed carryover
- easy parts replacement with all bolted construction
- low operating, maintenance costs
- conveying lengths up to 44 feet

NEW **Dynavent** NEW



BALE CHOPPER

- **Chops straw, old hay or corn fodder**
- **Move the machine so that bedding is spread to the thickness required**
- **Spread and chop in one single operation**
- **Use in chicken houses, strawberry farms, lawn seeding**
- **Adjustable grate**

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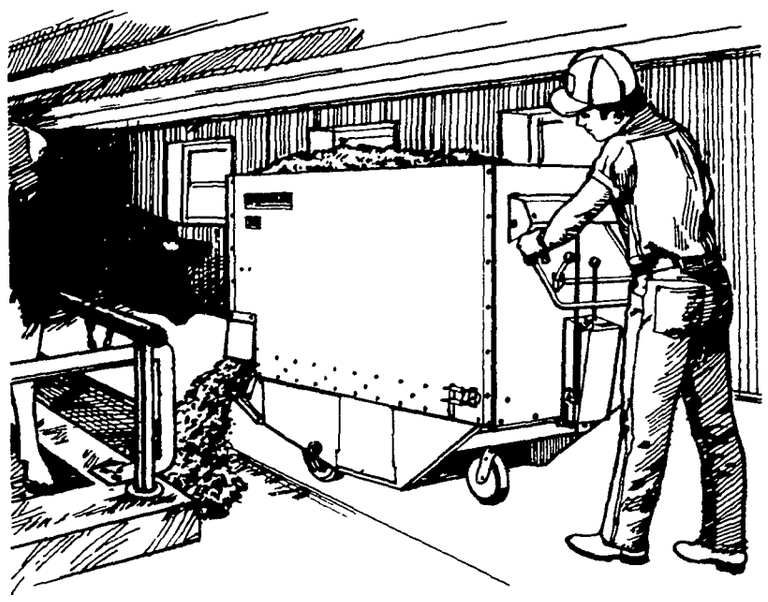
Fast food for your dairy herd!

WEAVERLINE

Feed more cows faster



with this Weaverline motorized feed transport cart!

You'll feed more cows in less time — easier — with a new Weaverline Series 300 battery-powered feed transport cart. Just load it full. Throw it in gear. And you're on your way to feed silage, haylage or other feed — quickly — conveniently.

Available in 30 or 24 bushel models. Weaverline Series 300 carts are built tough to stand up to years of hard work.

WEAVERLINE

- Feeding Savings
- More Dollars over feed cost
- Improve Herd Health

"THE EXECUTIVE" 8085 SERIES II

Computer Controlled Dairy Feeding Sy

Efficient feeding = Higher PROFITS

Group feeding is costly and inefficient. To maximize your profits, you've got to supply each cow with the exact amount of feed she needs to maintain her milk production level. The computerized Selective Feeder Executive 8085 System lets you do just that. It's so effective, most dairymen find the system pays for itself in reduced feed bills and increased production in less than a year!

It's simple

You determine a daily feeding allowance for each cow by programming the computer to dispense a certain amount of feed during each 6, 8 or 12 hour cycle. You choose a unique ration for each animal by mixing supplement and base rations with the computer.

- Each cow wears an inexpensive, reliable identification tag.
- Cows can feed at any feeding station.
- Feeding auger automatically stops when cow steps away.
- Each cow receives only the amount of feed you have programmed for it.

Money-savin

You can get a
any time. Each
management in

- Amount of fee
- Amount of fee
- Amount of fee pensed to eac this month
- Summary of p vious cycle.

You can quick problem cov asking the co to print out a not eating 7 their progr ration.

Total herd m

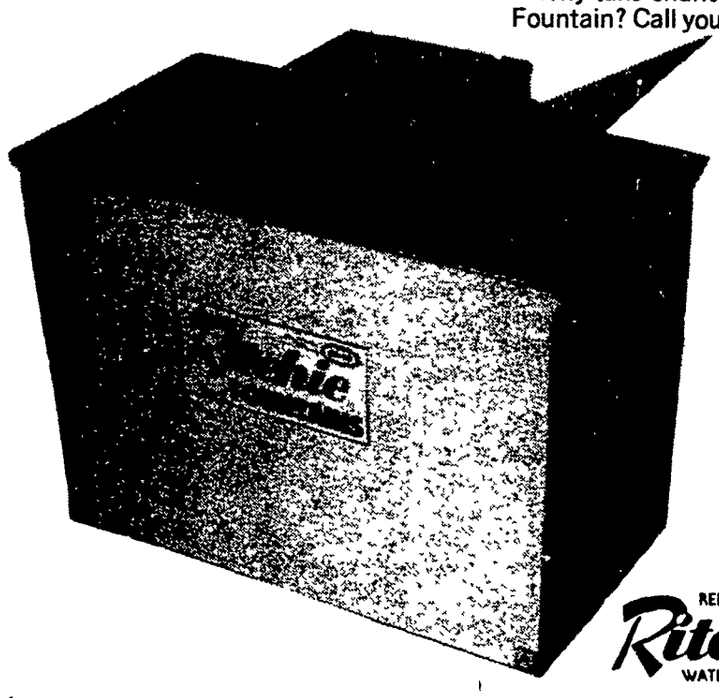
For a total dai Selective Feed Management S office on the programs allo production and computer syste For more inforn for free produc

Ritchie® Fountains deliver. Even in the dead of winter they are out there working. You're not.

Weatherproof. You bet they are. Heating systems and efficient insulation keep water ice-free... just set the Watt Watcher™ thermostat for minimal energy use. Big-throated, non-stick plastic valves keep water gushing in. Each of your cows get all of the water they need to promote peak production.

Ritchie Fountains are tough, too. Quality-built with rugged heavy galvanized steel and CD-50® expoxy finish to stand up to weather and barnlot abuse.

Why take chances on anything less than a red and yellow Ritchie Fountain? Call your Ritchie dealer for water that won't quit.



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EXECUTIVE" 8085 SERIES II

trolled Dairy Feeding System

- Program Each Cow to receive the amounts of feed as compared to production.
- Easy To Operate
- Simple Installation

Money-saving management tool

You can get a printout from the Executive 8085 at any time. Each printout gives you the valuable feed management information:

- Amount of feed programmed for each cow
- Amount of feed dispensed to each cow, this cycle
- Amount of feed dispensed to each cow, this month
- Summary of previous cycle.

You can quickly spot problem cows by asking the computer to print out all cows not eating 75% of their programmed ration.

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Total herd management system

For a total dairy management system, connect your Selective Feeder System with our Zenith Farm Management System. Readouts are available in your office on the Zenith computer. Optional software programs allow you to integrate health, breeding, production and feeding management programs in one computer system.

For more information write for free product literature.

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are. Heating systems and efficient-
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use. Big-throated, non-stick plastic
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er for water that won't quit.

ATER THAT

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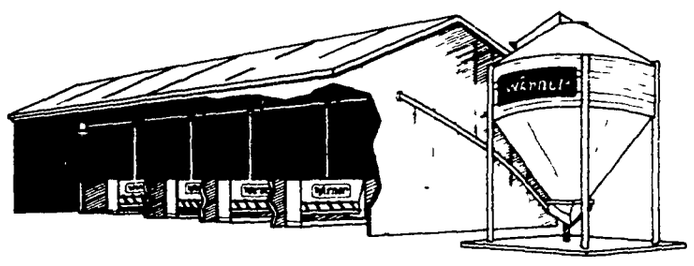
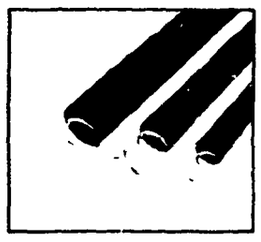
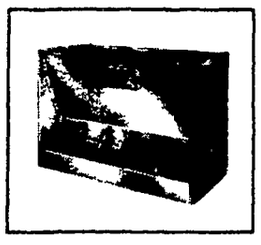


Flex-Flo delivers feed and savings

Cut your livestock feeding costs with Warner's custom engineered Flex-Flo feed delivery systems. Flex-Flo automatically delivers from 1000-6000 pounds per hour of clean, dry feed up to 300 feet from the bin. The specially formulated corrosion-proof PVC tubing provides maximum flexibility and quiet, rust-free operation.

A Flex-Flo system that meets your operation's needs can be engineered using Warner's array of modular components, all designed for convenient assembly and long life. To find out more about how Flex-Flo systems can deliver bigger profits for you, call or write today.





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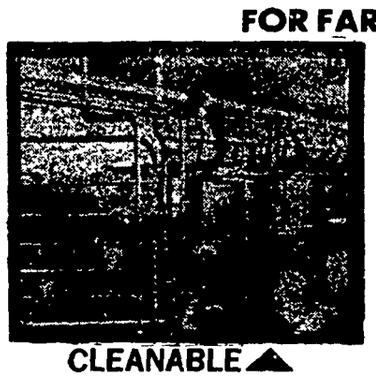
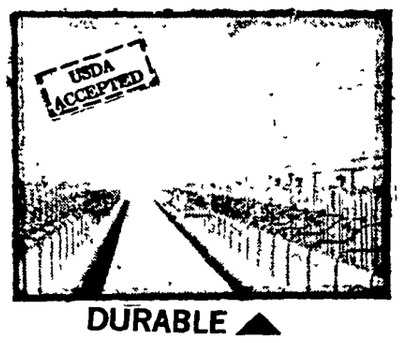
ELIMINATES THE EPOXY AND OTHER YEARLY COSTLY MAINTENANCE TO WALLS AND CEILINGS

FOR FARM BUILDINGS



CLEANABLE ▲



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  -ACID SCRATCH AND ABRASION RESISTANT
- GLASBORD® INSTALLS EASILY
  -MILKING PARLORS, HOLDING ROOMS, OFFICES, SLAUGHTER HOUSES
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3/32 & 1/8" THICKNESS, 4 x 8 FT. PANELS
3/32 & 1/8" - 4 x 40 AND 4 x 45 FT. ROLLS

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VINYL MOLDINGS ARE AVAILABLE TO GIVE A FINISHED APPEARANCE & A WATERTIGHT INSTALLATION.

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- ☐ FEED EASY Double Auger Silo Unloaders
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■ FARROWING CRATES
■ STACKED NURSERY PENS
■ HOG FEEDERS
■ RAISED CRATE DECKS

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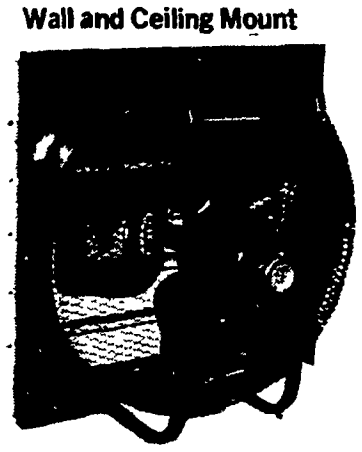
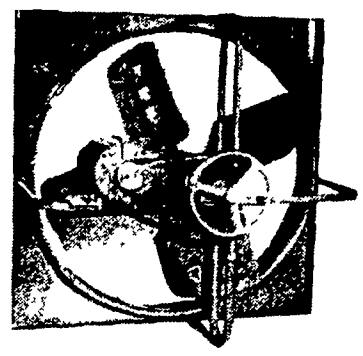
VENTILATION EQUIPMENT For The Farm

Wall and Ceiling Mount



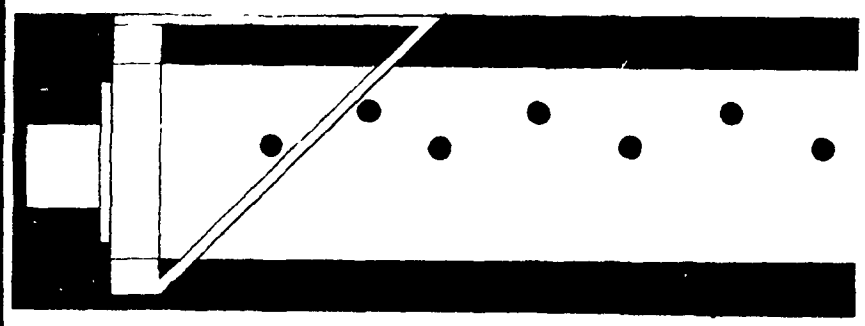
12 to 24 inch
Direct Drive



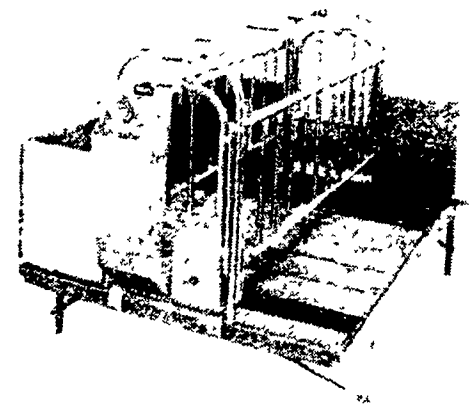
24 to 36 inches
Belt Drive Fans

- Completely automatic, fully assembled ready to operate.
- Heavy gauge corrosion resistant aluminum fan blade.
- Extra sturdy, corrosion resistant pointed steel frame.

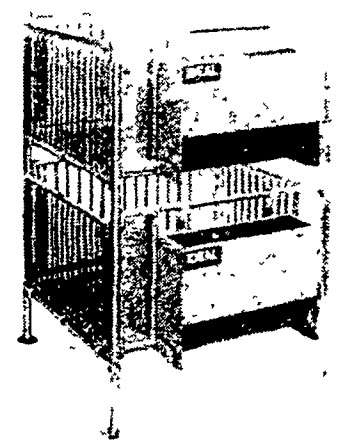
Poly Tube Ventilation



Ventilation For Dairy - Hogs & Chickens



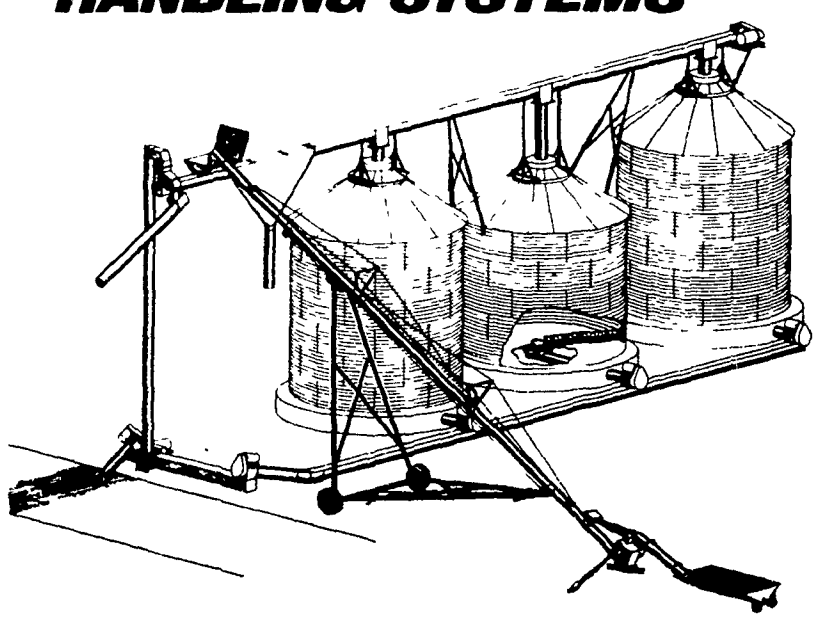
RAISED CRATE DECK
- Increase profit by reducing stress and death loss. Farrow pigs off cold floor.
- Allows economical conversion of existing facilities for crate use.
- Simple to assemble deck and install farrowing crate.
- Cost and problems of pit and liquid manure equipment are eliminated.



STACKED NURSERY PENS
Easy way to increase production in new or existing buildings. Raises pigs up off cold slats, helps reduce stress, death losses and improves gains. Handles up to 10 pigs in 4 ft. x 4 ft. pen, 20 pigs in 4 ft. x 8 ft. size. Modular 4 ft. x 4 ft. units allow expansion side by side or back to back.

STAINLESS ROTARY FEEDER
Entire hopper rotates for positive feed flow; deep lip on optional 8- or 12-divider feed saver grill helps prevent waste. Easy crank-type feed adjustment at top allows clearance for drop tubes of automatic feed systems. Dependable quality.

AUTOMATIC GRAIN HANDLING SYSTEMS



When you start thinking about putting in a grain handling or feeding system — think Sudenga!

Whether you are linking together an existing set of bins, building a complete new storage system, or automating your feeding operation, Sudenga supplies the equipment. We offer custom-designed screw conveyor, drag chain conveyor, and pneumatic conveyor systems to meet any requirement. Out wide range of portable and specialty screw conveyors round out the line.

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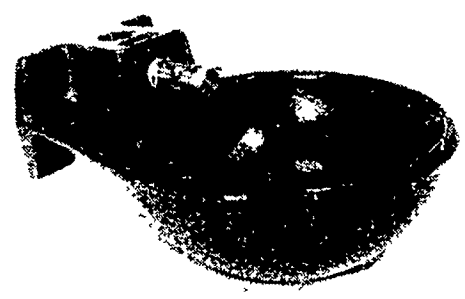
PUSH BUTTON WATER BOWLS



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- Easy To Keep Clean
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Keystone Farmers

(Continued from Page D22)

projects in laying hens and work experience at Quaker State Farms, Inc.

He now serves as treasurer of the Upper Dauphin FFA and has been a member of several committees.

He was named his Chapter's Star Greenhand and has won chapter and county awards in poultry production.

Active in Student Council and the Co-op Program, he has been a member of the Basketball and Archery Clubs.

His future will be in poultry production or beef farming.

JOHN LESHER JR.

John J. Lesher Jr., son of John and Laura Lesher, R1 Lykens, has conducted crop projects in both corn and tobacco. He has grown five acres of the former and a half-acre of the latter.

He now serves as vice president of the Upper Dauphin FFA. He has received his chapter's crop production award.

In Student Council and the Co-op Program, he has been in wrestling for four years and a member of the Marching and Concert Band for three years.

He hopes to enter dairy farming or become a diesel mechanic.

Lower Dauphin

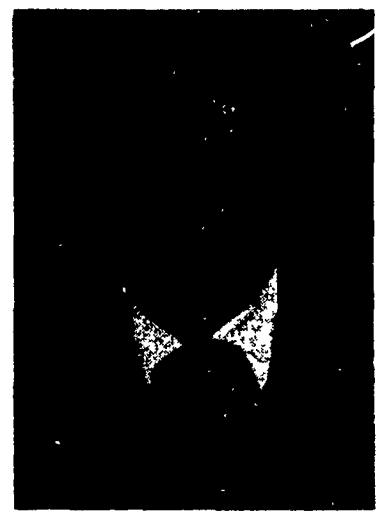
RICHARD BARNHART

Richard Barnhart, son of Mr. and Mrs. Millard Barnhart, R1 Palmyra, has been involved in Lower Dauphin FFA projects in veal calves, potatoes and work experience.

He has served on several committees and chaired the scholarship committee.

He participated in county poultry, livestock and dairy judging, as well as land judging and chapter tractor driving. He also took part in the All-American dairy judging contest.

He plans to continue work on the family's 180-acre dairy farm and eventually become a partner.



DALE FISHER

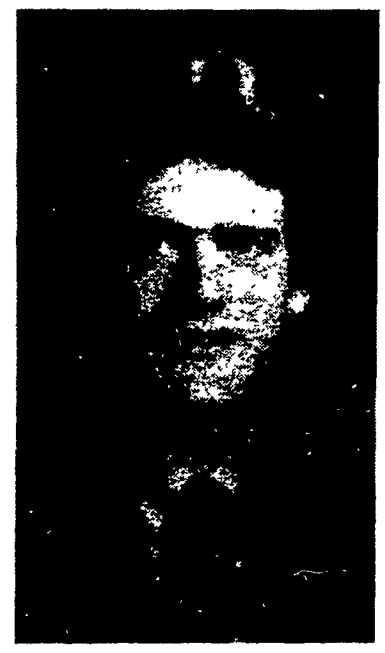
Dale Fisher's projects in the Lower Dauphin FFA have included work experience, tobacco, sweet corn, turkeys and an Angus heifer.

The son of Harvey and Kay Fisher, R1 Hummelstown, he has competed in such areas as county poultry, livestock and dairy judging, land judging, county and state project books. He has shown his Angus heifer in the 4-H and FFA Fair, as well as judged at KILE.

He has won his chapter's Soil and Water Conservation Proficiency Award.

In 4-H, he is president of the Archery Club and vice president of the Baby Beef Club.

He wants to become a beef farmer.



JOHN HALDEMAN

John Haldeman, of the Lower Dauphin FFA, has achieved a number of accomplishments, particularly in the area of public speaking.

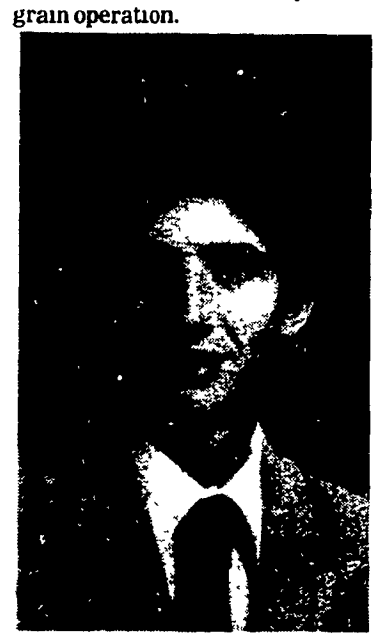
A State Gold Medal winner in Public Speaking, he has also won the Dauphin County Creed Contest. He has been a multiple winner in various local conservation and general speaking contests.

Other achievements include chapter vice president, member of the state chorus and nominee to the national chorus. He has competed in land judging and tractor driving, too.

His FFA projects have included 17 acres of soybeans, as well as hay and corn. He has also served on many committees.

Active in the Spring Creek Church of the Brethren and Choir, he attended the National Church of the Brethren Youth Conference in Colorado.

He will work on the family's cash grain operation.



DUANE HERR

Duane Herr, son of Mr. and Mrs. Robert Herr, R1 Hershey, has served as both president of the Lower Dauphin FFA and the three-county CDP Area FFA.

Previously chapter treasurer, he has been active in such competitive areas as parliamentary procedure, land judging, county project book contest.

He has received State Gold Medals in Interview and Salesmanship and Honorable Mention in state livestock judging. He was his chapter's Star Greenhand.

His projects at Lower Dauphin have been Angus-Chianina steers, white turkeys and Berkshire market hogs. He has shown at the Dauphin 4-H and FFA Fair, Elizabethtown Fair and Middletown Fair.

He plans to go to college and major in ag education and animal production.

Halifax Area

DON ZIMMERMAN

Don Zimmerman, of the Halifax Area FFA, is the son of Ralph and Patricia Zimmerman, R2 Halifax.

His projects have included work experience and growing field corn.

He is serving as chapter chaplain and has won awards for his Supervised Occupational Experience program and ag production.

After graduation, he plans to continue work on his grandfather's beef farm.

(Turn to Page D28)

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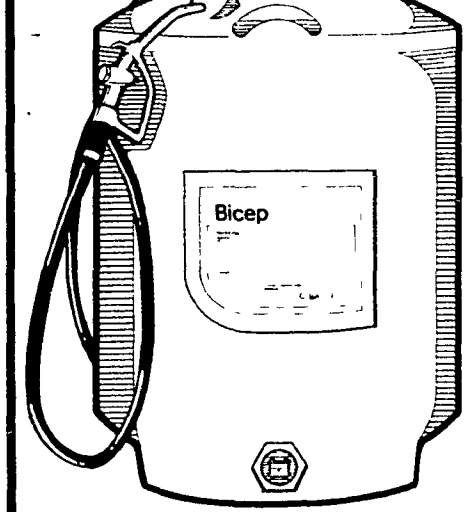

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Keystone Farmers

(Continued from Page D27)

CHRIS SWEIGARD

Chris E. Sweigard is the son of Lee and Sandra Sweigard, R3 Halifax.

Halifax FFA president this year, he served as chapter secretary last year. Also, he is CDP Area parliamentarian this year.

His projects have been in the areas of growing corn and oats, as well as work experience. He has served on several committees.

He plans to continue on the family farm or study ag electronics.

RAYMOND URICH

Raymond H. Urich Jr., 18, is the son of Raymond and Ruby Urich, R1 Halifax.

Reporter of the Halifax Area FFA Chapter for the past two years, he has received the Dauphin County farm mechanics award.

A five-year FFA member, his projects have been concentrated on work experience. In addition, he has served on a number of committees to plan activities of his chapter.

He plans to be a truck driver for Lesher's milk transport company.

Lebanon

Little Dutchmen

BRIAN SELL

Brian Sell, son of Henry and Elaine Sell, R2 Palmyra, has held the posts of sentinel and vice president in the Little Dutchmen Chapter at Annville-Cleona and also the Lebanon County sentinel post.

His projects have included veal calves, dairy beef and work experience in beef production.

He has been his chapter's Star Agribusinessman. He has won bronze medals in state land judging two years in a row and has had high county and state placings for his work experience concerning raising vealers.

He hopes to own his own farm in the future.

ED HOSTETTER

Ed Hostetter is president of the Little Dutchmen Chapter at Annville-Cleona High School.

In addition, he has served as chapter treasurer and chaplain and county president. He has received a number of proficiency awards.

His projects have been concentrated in dairying, including heifers, cows and herd. Other projects have been veal calf and field corn. His competition has included parliamentary procedure, land judging, public speaking.

He has been a five-year member of the Lebanon County Holstein Club and serves it as treasurer.

After graduation, he plans continued involvement in the family dairy farm.

Donald D. Baer II, son of Donald and Maylorraine Baer, R1 Annville, was the Star Greenhand of the Little Dutchmen in 1979-80.

He served the chapter as treasurer the following year.

He was also the chapter's top citrus salesman.

His projects have included hogs, fruit trees, veal calves, corn, work experience and home improvement.

He plans to continue to be involved in agriculture either on or off the farm.

DONALD BAER

JEAN MORTON

Jean Morton, 18, is the daughter of Mr. and Mrs. G. Lowell Morton, 1068 E. Main St., Annville.

Her offices in the Little Dutchmen Chapter have been secretary, reporter and historian.

She has received awards in swine production and farm management.

Her activities have included parliamentary procedure, State FFA Chorus, hog production, work experience off the farm. She has served on several committees.

She is also active on the staff of the school newspaper and in the audio visual department.

She plans to become an ag accountant.

Cedar Crest

DAVE LUDWIG

Dave Ludwig, 17, the son of Mr. and Mrs. John Ludwig, 1350 Bricker Lane, Annville, is president of the Cedar Crest FFA Chapter.

He has also served the chapter as sentinel and chaplain. He is county vice president, too.

He has participated in parliamentary procedure, public speaking and salesmanship contests. He has been named his chapter's top agribusinessman.

He received a second in the state for fruit or vegetable proficiency.

His projects have included hogs and rabbits. He received the chapter's chain hog. His work experience is employment at Frey's Fruit Market. He plans to continue working on a farm after graduation.

(Turn to Page D29)

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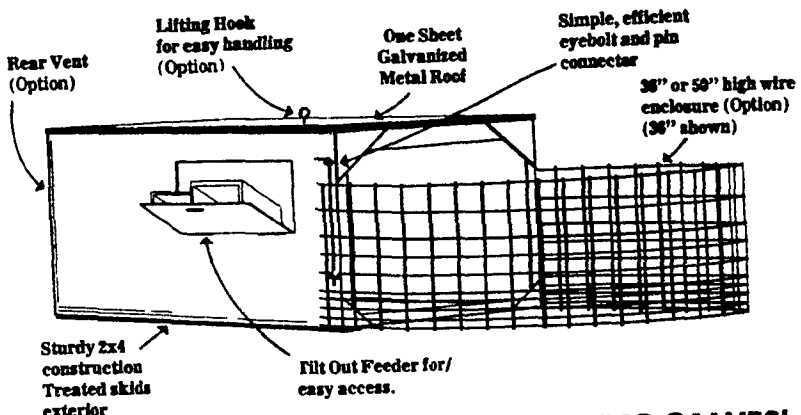
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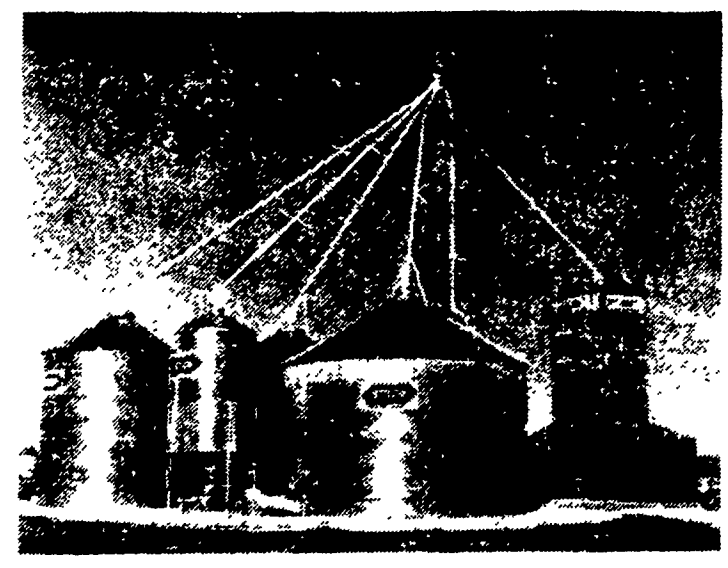

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Keystone Farmers

(Continued from Page D28)

N. Lebanon

LISA WEIKEL

Lisa J. Weikel, 19, is the daughter of Mr. and mrs. Walter Weikel, R2 Jonestown. A 1981 graduate of Northern Lebanon High School, she is half owner of the Weikel Egg Farm.

During her FFA career at Northern Lebanon she had projects including 47,000 laying hens and pleasure horses.

Lisa was the National Proficiency winner in Poultry Production a year ago.

Other awards include gold medals in county and state project books for her horses and layers, third in county and area public speaking, third in county conservation speaking, third in state horse proficiency. She also received poultry and horse foundation medals.

As a national proficiency winner, she took part in the 18-day European trip in 1981. She is a member of the 4-H Hoof and Horns Horse and Pony Club, American Quarter Association, the Lebanon County Horse Bowl Team and the United Egg Producers Assn.

She will continue operation of the family egg business and plans her own horse boarding stable.

RANDALL ERB

Randall S. Erb, son of Ephraim A. and Carol A. Erb, R3 Myerstown, now serves as president of the Northern Lebanon FFA Chapter and also as county reporter.

Previously, he served his chapter as sentinel and reporter.

He was the Northern Lebanon Star Chapter Farmer last year.

His projects have included bee keeping and a home improvement project in which he built a two-story implement shed.

He has served on a wide variety of committees.

Also, he is a member of the concert band and the marching band.

He plans to seek a future in the wholesale and retail food business.

ELCO

JOSEPH GINGRICH

Joseph R. Gingrich, is the son of Jesse Jr. and Rachel Gingrich, R2 Myerstown.

He is president of the ELCO FFA Chapter and previously served as secretary.

He has been his chapter's Star Agribusinessman and received the proficiency award in ag mechanics. He has been the area winner in ag mechanics in 1981 and 82. He was a member of the BLS small gas engine team in 1981 and participated in state competition last summer.

His projects have been in vegetable gardening, sweet corn, and an SOE program in agricultural placement. He has served on a number of chapter committees.

In the future, he hopes to locate a job as a fulltime mechanic in an area agricultural machinery business.

NORMA KURTZ

Norma Kurtz presently holds the twin FFA offices of vice president of the ELCO Chapter and secretary of the Lebanon County FFA.

She is the daughter of Ellis and Dorothy Kurtz, R1 Newmanstown.

Her projects have involved swine production, hog finishing and forestry management. She has been chairperson of a number of chapter committees.

She has won a wide variety of awards in horticulture, State Band, State Project Book, scholarship, forestry management, public speaking, swine breeding and hog finishing.

She plans to continue to be involved in the family logging and sawmill business.

York

Eastern

JESSE REXROTH

Jesse Rexroth is president of the Eastern FFA Chapter at Eastern High School. He has also held the offices of chapter chaplain and county secretary.

He is the son of Kenneth L. Rexroth, R1 Windsor.

His main FFA project has been concerned with Kennebec

(Turn to Page D30)

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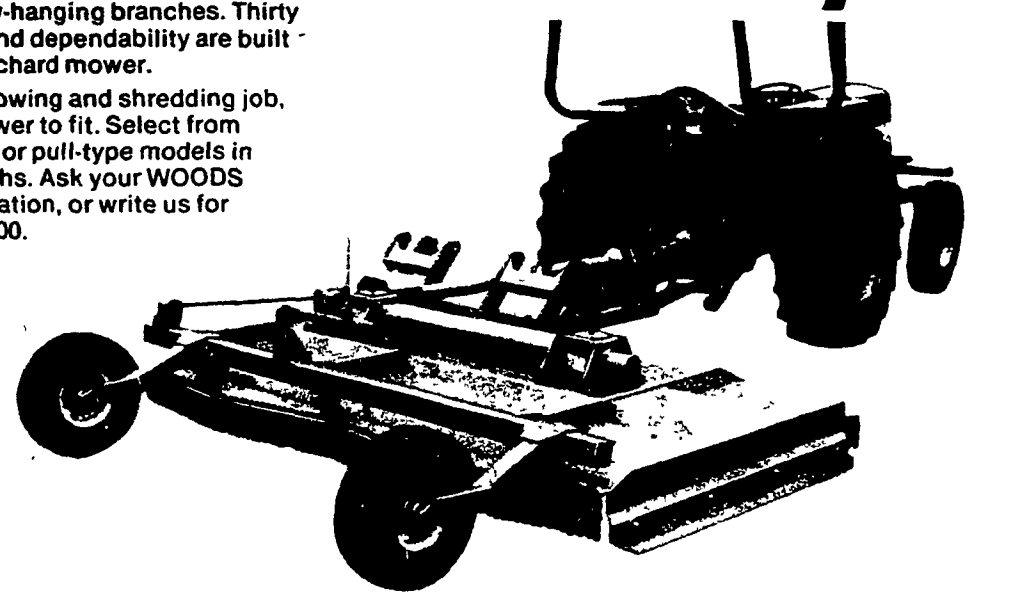

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Keystone Farmers

(Continued from Page D29)

potatoes. He has served on a wide variety of chapter committees, chairing many of them.

His proficiency awards have come in the areas of ag mechanics and crop production.

He plans to enter the Armed Forces after graduation.

BRIAN LEHMAN

Brian Lehman, son of Ellsworth and Kathy Lehman, R11 York, has progressed through a number of FFA projects in his career in the Eastern Chapter.

He has had projects in Red and White Holstein calves, a truck patch and now a 12-Guernsey cow herd.

In his chapter, he has served as treasurer and was named Star Chapter Farmer. Other awards include those for scholarship, dairy proficiency, record book contest, National Junior Honor Society, Outstanding Pa. Guernsey Boy in 1980, first in the York County Dairy Foods Contest and high seed salesman in his chapter.

He is vice president of the White Rose 4-H Dairy Club.

He plans to continue work on the family dairy farm and one day have an operation of his own.

MICHAEL DAUGHERTY

Michael Daugherty, 17, is the son of Donald and June Daugherty, R9 York.

His projects in the Eastern FFA Chapter in York County have included beef production, potatoes and work on a fruit farm. He has served on a number of committees, including citrus, seed, recreation, conduct of meetings and earnings and savings.

He has placed in State Record Book Contests.

He plans to follow a career in farming.

Bermudian

Douglas E. McLauslin, 17, is the son of Donald E. and Delores V. McLauslin, R2 New Oxford.

He is president of the Bermudian FFA Chapter and also the treasurer of the York County FFA. He has also served as chapter treasurer and vice president.

His projects have included 50 head in swine finishing, eight head in swine breeding, eight head in beef finishing and work experience at Starner's Grain and Feed and on Kevin Holtzinger's dairy farm.

He has been named both Star Greenhand and Star Chapter Farmer. He has won proficiency awards in swine production and diversified livestock, as well as a bronze in livestock judging.

DOUGLAS MC LAUSLIN

He is a member of both the American Yorkshire and Landrace Associations.

He plans to work following graduation and save toward a farm in the future.

Gifford Pinchot

DUANE STINE

Duane A. Stine, graduate of Northern York County High School, served as president of the Gifford Pinchot Chapter during his senior year.

He is the son of Mr. and Mrs. Herman L. Stine, R2 Dillsburg.

His projects in FFA included laying hens, corn and two bulls. He also worked for two summers as a mechanic on off-road equipment.

His awards came in the areas of poultry proficiency, Star Greenhand, fish and wildlife management, ag emchanics, home and farmstead improvement, crop and beef production and Chapter Star Farmer.

Presently, he is attending the Penn State York Campus, majoring in ag engineering. He hopes to work in this field and someday buy his own farm.

(Turn to Page D32)

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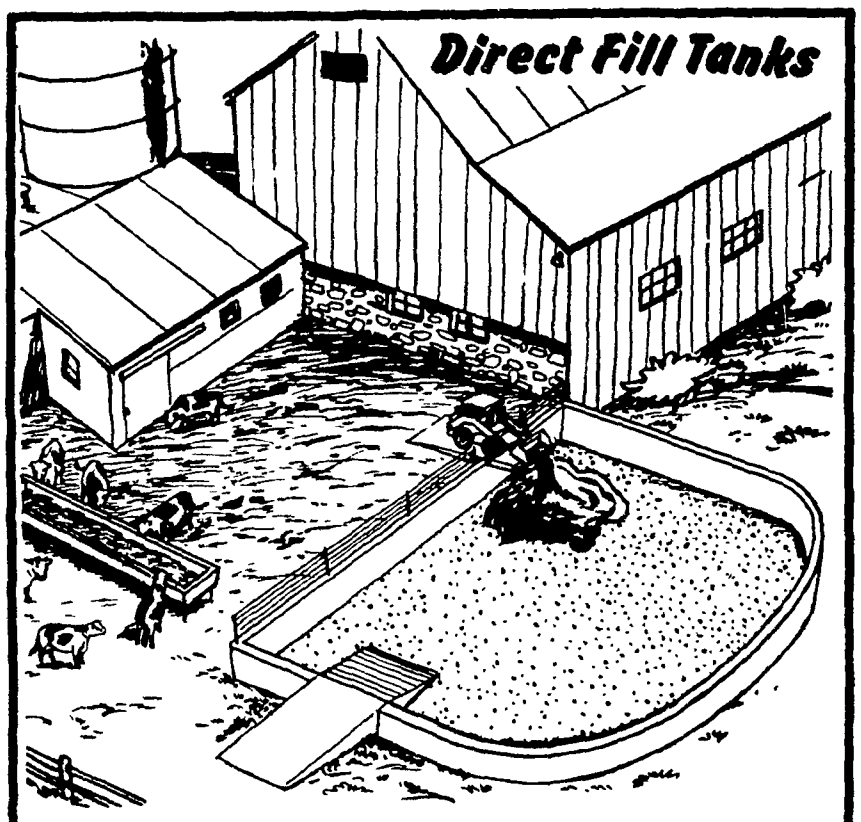

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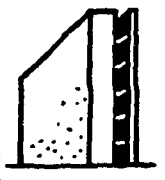

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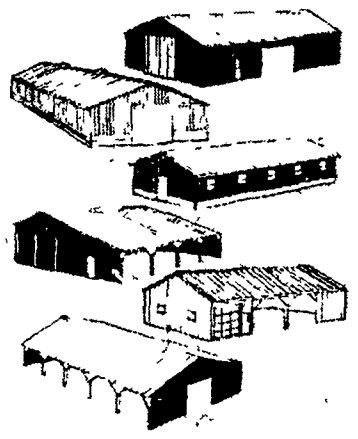

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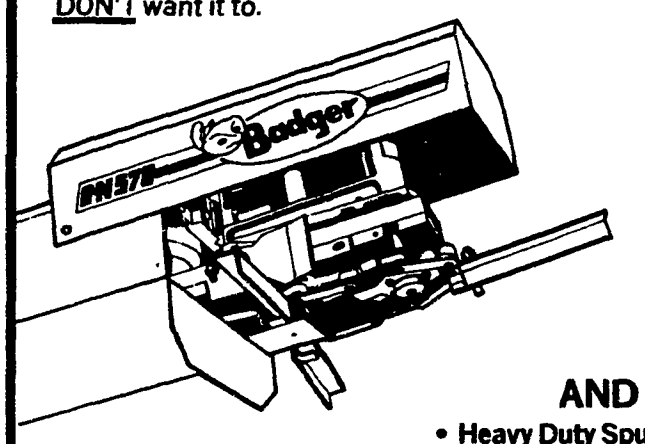

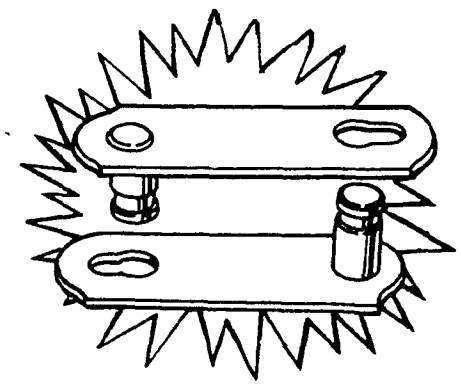

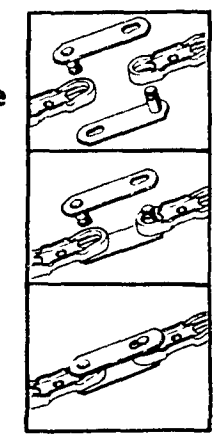

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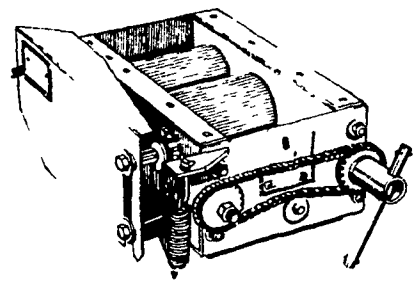

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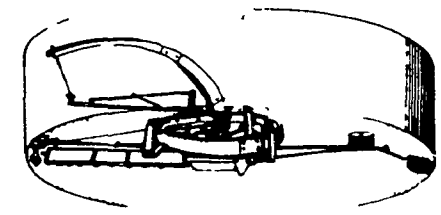

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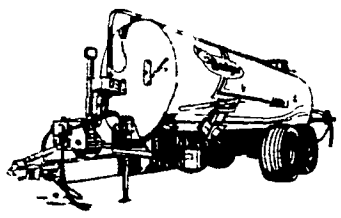

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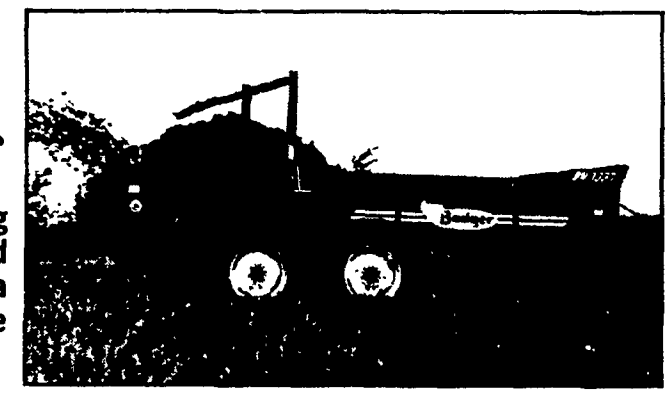

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½ Mi South Rising Sun, MD 21911
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PH (301) 898-7421

HUMBERSON FARM EQUIP. & BUILDINGS
Bruceton Mills, WV 26525
PH (304) 379-6211

Keystone Farmers

(Continued from Page D30)

Red Lion

MELVIN MARKS

Melvin G. Marks, 19, graduate of the Red Lion Area High School, is the son of Dorothy E. Marks and the late Melvin F. Marks.

During his six years in FFA, he has had projects in swine production and fruit and vegetable production.

His awards have included being named his chapter's Star Farmer, along with proficiency awards in swine production, ag production and fruit and vegetable production.

He served as chapter chaplain.

He plans to continue to expand his dairy herd at his father-in-law's farm and eventually begin farming on his own.

JOHN SCHOTT JR.

John B. Schott Jr. is the South Central Region Star Agribusinessman.

The son of John B. Sr. and Elizabeth Grace Schott, R2 Delta, he has served his chapter as assistant chaplain and president.

His proficiency award came in ag mechanics and also placed high with his project book.

His projects have included Holstein steer, gardening, strawberries, sweet corn, dairy herd and work experience.

In competition, he has taken part in ag mechanics at county and state levels, as well as dairy judging at county and state. At Timonium, Md. he placed second in dairy judging.

He hopes to pursue a career in dairy farming.

GREGORY INNERST

Gregory A. Innerst, is the son of Fred and Shelva Innerst, R3 Red Lion.

Secretary of the Red Lion Chapter, he also serves as York County FFA vice president.

His projects have included swine breeding, swine finishing, sheep breeding and field corn. In addition to being the Star Greenhand of his chapter, he has received the swine profciciency award.

He is a member of the Pennsylvania Berkshire Association and the American Berkshire Association.

He plans to continue being involved in the family farming operation.

Kennard-Dale

JIM GODFREY

Jim Godfrey, 17, is the son of Mr. and Mrs. James H. Godfrey, R3 Felton.

His projects have included work for a produce farmer in Hellam and others in swine breeding and finishing, potatoes, field corn, rabbits, produce and beef production.

He served as both chapter and county chaplain.

He has received his chapter's scholarship award, a bronze in the state parliamentary procedure contest and a bronze and silver in state small gas engine competition.

His contests have included parliamentary procedure, meat and livestock judging, land judging, small engines, county sports meet, project book and York Fair contests.

He plans to attend Stevens Trade Schoool and major in automotive technology.

TODD WARNER

Todd Warner has achieved both ...ar White Rose Farmer honors as a member of the Kennard-Dale FFA Chapter.

The son of Mr. and Mrs. James Warner R1 New Park, he competed in parliamentary procedure for three years and received bronze and gold state awards. He also competed in state tractor driving.

His projects included dairy heifer, dairy cow, potatoes, corn, tobacco and turkeys. He also had swine breeding and finishing projects. Over the past summer, he was involved in the construction of a new dairy barn.

A member of the Stewartstown 4-H Club, he also belongs to the town's fire company and the Hopewell Fish and Game Club.

He hopes to have his own farm someday.

BENJAMIN HUSHON

Benjamin H. Hushon has held the offices of reporter and president of the Kennard-Dale FFA Chapter and also vice president of the York County FFA. He won bronze, silver and gold medals in parliamentary procedure competition, as well as the DeKalb Award and Star Greenhand during his FFA career.

His projects have been in market hogs, dairy herd for four years and work experience at Enfield Farm Equipment.

Also, he is Student Council

(Turn to Page D33)

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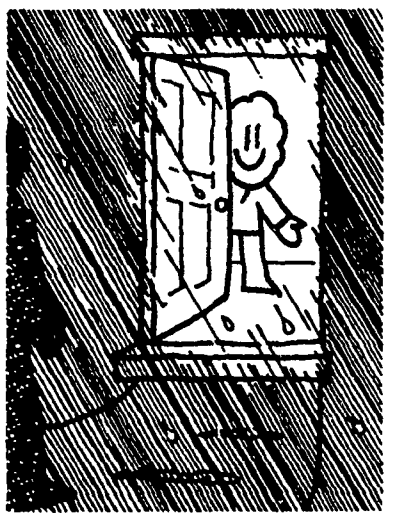

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Keystone recipients

(Continued from Page D32)

treasurer and a member of the National Honor Society.

He will be attending Penn State and majoring in agriculture.

MARK FLAHARTY

Mark Flaharty, 18, is the son of Mr. and Mrs. Marlyn G. Flaharty, R2 Delta.

His honors have included both his chapter's Star Greenhand and Star Agribusinessman honors. Also, he has received state project book awards and awards for York Fair exhibits.

His projects have been in the areas of vegetable gardening, work experience at Service Feed Supply for three years.

A National Honor Society member, he is a varsity baseball team member.

He plans to go to Penn State and major in ag mechanization.

RONALD WILSON

Ronald Lee Wilson is president of the Kennard-Dale FFA Chapter.

He has also served as chapter sentinel and county treasurer.

In addition to being Star Greenhand, he has received awards in project books, parliamentary procedure, land judging and livestock judging.

His projects have included gardening, swine breeding, rabbits, corn and oats. He has served on many committees and shows swine.

He is a member of the Stewartstown 4-H Club anmd the York County Swine Club.

He plans to become involved in expansion of the family swine breeding operation.

Vegetable oil next diesel fuel?

UNIVERSITY PARK — It may sound surprising, but diesel fuels of the future could be blended with vegetable oils. Produced from farm crops, both vegetable oils and ethyl alcohol (ethanol) look promising as substitutes or extenders for diesel fuel.

Such blended fuels are undergoing development and testing at Penn State. Kermit Q. Stephenson, agricultural engineer heading up the Penn State research, says the results are encouraging.

"We've had good results using undiluted (200 proof) ethanol and soybean oil with diesel fuel," Stephenson stated. "The experiments can lead to practical use of ethanol and vegetable oils in mixtures with diesel fuel."

In a series of tests, the Penn Staters supplied up to 30 percent of the fuel energy used by a diesel tractor from 200 proof ethanol. In other tests, a blend of soybean oil and 200 proof ethanol supplied up to 70 percent of the fuel by volume, or 58 percent of the energy, when mixed with diesel oil.

Application of the Penn State findings will depend upon costs of alternative fuels and supplies of conventional diesel oil, Stephenson pointed out. He noted that number 2 heating oil and diesel fuel are similar products. A hard winter can result in high use of heating oil and thus can contribute to temporary diesel fuel shortages and increased prices, he added.

"American farmers have a vested interest in agriculturally-based alternative fuels for diesel engines," Stephenson said, "since tractors, combines, and other farm equipment are powered mostly by diesel engines."

Both ethanol and vegetable oils are derived from farm-produced, renewable crops. Ethanol can be made from sugar crops such as sweet sorghum, sugar cane, and sugar beets — or from starch crops like corn and other grains or potatoes.

But there are problems. Vegetable oils are much higher than diesel fuel in viscosity and they contain minor non-combustible components. Both factors can cause clogging, carbon buildup, and corrosion in direct-injection diesel engines. Extra processing to remove unburnable parts and blending the oils with ethanol to adjust the viscosity to that of diesel fuel, can improve combustion and reduce or eliminate problems.

Processing ethanol to a level containing 5 to 20 percent water (190 to 160 proof) saves more energy than processing undiluted ethanol (200 proof). However, the lower proofs do not mix completely with diesel fuel.

"Since ethanol has a low cetane rating (compression ignition ability), it can not be used alone in diesel engines," Stephenson states. "By careful metering and by vaporizing fuel grades of ethanol into a diesel engine's intake manifold — a process called fumigation — ethanol can substitute for as much as 30 percent of the diesel fuel," he added.

And he indicated that vegetable oils have cetane ratings slightly lower than diesel fuel but their viscosity is 10 times greater. These properties mean that soybean oil, for example, is combustible in a diesel engine. However, high viscosity of vegetable oils keeps them from forming the best burning mixture when injected into the combustion chamber of diesel engines designed for much less viscous diesel fuel.

The Penn Staters fould that undiluted ethanol is not completely mixable with vegetable oils at low temperatures and above 20 percent by volume in a blend.

When heated above 120, mixable blends containing up to 30 percent undiluted ethanol were obtained. Blends of 40:40:20 and 30:40:30 diesel fuel, soybean oil, and undiluted ethanol were used in a six-cylinder diesel engine tractor.

Power developed at the power take-off shaft of the tractor was slightly less for the blands than power developed with conventional diesel fuel.

No engine problems were found during 100 hours of operation on the fuel blends at Penn State. Stephenson believes these relatively short-term tests may not show problems accumulated over longer periods. Accordingly, continued tests are under way.

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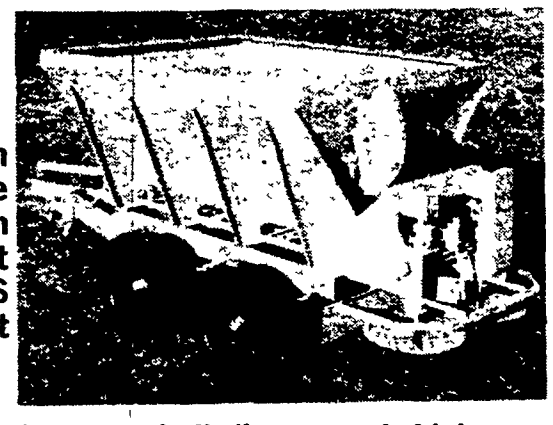

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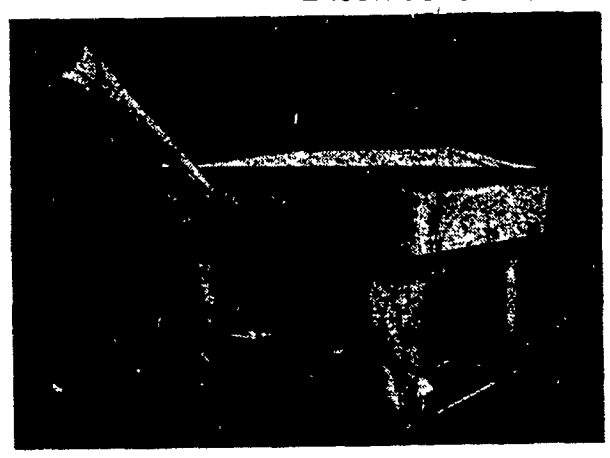

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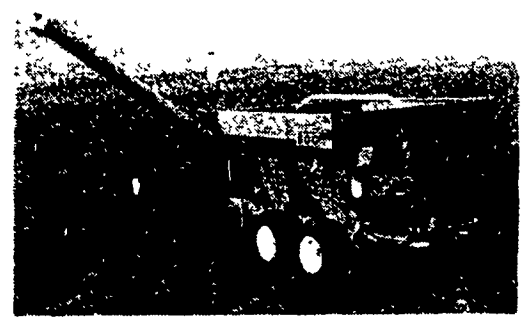

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Md. revises custom work rates

ELKTON, Md. — Cecil County Agent Theodore Haas reports the charges for custom work in Maryland have been revised.

A listing of the new rates follows for guidelines to farmers in the Upper Eastern Shore of Maryland:

Charges for Custom Work on Upper Eastern Shore of Maryland, 1982[a]

Operation	Unit	Typical[b] Charge (Dollars)	Range in Charges (Dollars)
Stalk Cutting	Acre	----	4.00 - 6.50
Plowing			
Moldboard	Acre	c/	9.00 - 14.00
Chisel	Acre	10.00	8.00 - 12.00
Disking			
Heavy	Acre	10.00	8.00 - 12.00
Light	Acre	8.00	4.00 - 10.00
With Cultipacker or Harrow	Acre	8.00	5.50 - 9.00
Harrowing	Acre	7.50	-----
Subsoiling	Acre	12.00	-----
Cultivating	Acre	5.00	4.00 - 8.00
Rotary Hoe	Acre	6.00	4.00 - 7.50
Corn Planting			
Conventional w/o Fert. Attchmt.	Acre	10.00	5.00 - 12.00
Conventional w/Fert. Attchmt.	Acre	10.00	7.00 - 12.00
No-Till w/o Fert. Attachm't.	Acre	----	10.00 - 14.00
No-Till w/Fert. Attachment	Acre	10.00	10.00 - 12.00
No-Till + Spraying	Acre	15.00	14.00 - 15.00
Soybean Planting			
Conventional w/o Fert. Attch.	Acre	10.00	5.50 - 12.00
Conventional w/Fert. Attach.	Acre	10.00	7.50 - 14.00
No-Till w/o Fert. Attachm't.	Acre	12.00	9.00 - 12.00
No-Till + Spraying	Acre	12.00	10.00 - 14.00
Drilling Small Grain			
w/o Fert. Attachm't.	Acre	d/	7.00 - 8.00
Broadcast Seeding	Acre	e/	4.00 - 5.00
Ground Spraying			
Tractor Mounted	Acre	4.50	4.50 - 5.00
Pull Type	Acre	4.50	3.35 - 4.75
Truck	Acre	4.50	3.35 - 5.00
Aerial			
Spraying	Acre	4.50	4.00 - 5.50
Dusting	Acre	4.50	4.00 - 5.50
Spreading			
Lime	Ton	5.00	4.50 - 7.00
Dry Fertilizer	Acre	4.00	3.50 - 5.00
Liquid Nitrogen	Acre	4.50	3.50 - 5.00
Anhydrous Ammonia	Acre	5.00	5.00 - 7.70
Picking Corn	Acre	20.00	20.00 - 22.00
Combining			
Corn	Acre	22.00	18.00 - 25.00
Soybeans	Acre	20.00	19.00 - 25.00
Small Grain	Acre	20 00	18.00 - 23.00
Hauling Grain - Local	Bu.	.10	.05 - .25
Hauling Grain - Long Distance	Bu.	.15	.10 - .20
Storing Grain[f]	Bu./Mo.	03	.03 - .05
Grinding Feed	Cwt.	----	.25 - 1.00
Mixing Feed	Cwt.	g/	.25 - .40
Grinding and Mixing Feed	Cwt.	.60	.60 - 1.25
Bushhogging	Acre	4.00	4.00 - 6.00
Rotary Mowing	Acre	5.00	4.00 - 8.00
Mowing Hay	Acre	4.00	4.00 - 7.00
Hay Conditioning	Acre	4.00	2.00 - 4.00
Mowing and Conditioning	Acre	8.00	7.50 - 10.00
Raking Hay	Acre	3.00	2.50 - 3.00
Baling Hay (Twine)	Bale	.45	.20 - .45
Baling Straw	Bale	.30	.30 - .35
Mow, Rake, Bale (No Storage)	Bale	----	.60 - 1.00
Complete Hay Harvest	Bale	----	.90 - 1.00
Large Rnd. Hay Bales (1200 lbs.)	Bale	6.00	6.00 - 7.00
Field Chop, Haul and Fill Silo			
Corn	Ton	2.50	2.00 - 3.00
Small Grain	Ton	2.50	2.00 - 3.00
Grass	Ton	2.25	2.00 - 3.00
Land Clearning and Grading			
Dozers			
Large	Hour	60.00	50.00 - 60.00
Medium	Hour	50.00	40.00 - 60.00
Small	Hour	35.00	35.00 - 50.00
Loaders			
Large	Hour	----	50.00 - 75.00
Medium	Hour	50.00	30.00 - 60.00
Small	Hour	40.00	35.00 - 50.00
Backhoe	Hour	35.00	30.00 - 40.00
Excavator	Hour	----	65.00 - 75.00
Grader	Hour	40.00	40.00 - 50.00
Grade All	Hour	50.00	-----
Dragline	Hour	----	40.00 - 65.00
Pan	Hour	----	55.00 - 80.00
Trucks			
Single Axle	Hour	25.00	25.00 - 27.50
Tandem	Hour	40.00	40.00 - 45.00
Tractor and Trailer	Hour	40.00	35.00 - 40.00

[a]Includes Caroline, Cecil, Kent, Queen Annes and Talbot Counties
[b]Charge most often observed.
[c]Equal number reported $10 00 and $12 00 per acre
[d]Equal number reported $7 00 and $8.00 per acre.
[e]Equal number reported $4 00 and $5 00 per acre
[f]Often observed a minimum charge ranging between $ 15 and $ 25 per bu
[g]Equal number reported $0 25 and $0.40 per Cwt.

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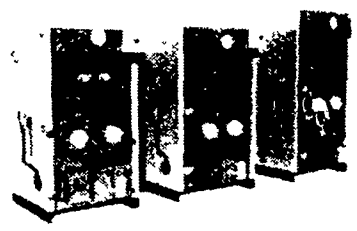

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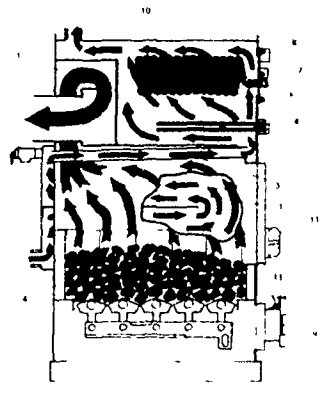

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Adams County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

November 1982

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS. FAT
Noel & Holmes	3	59.5	87 9	19,813	755
William Myers	B3	. 37 8	87 2	19,878	725
Kling Ayr Farms	3	34.8	89 2	20,428	722
Weim Sharr Farms	3	59 5	85 3	19,417	711
Brown Valley Farm	3	73.9	87 7	18,545	709
Stoner Bros Dairy	B3	72 3	88 4	19,602	702
Roy A. Weaner Jr.	3	55.7	88 4	17,903	697
Penn Gate Farm	3	50 9	88 4	18,520	696
Yelow-Buttercup Farm	3	118.0	87 4	17.416	684
El Rho Farm	3	57.4	86.3	17,663	678
Ray Dutterer	G3	63 8	86 5	16,656	648
William C. Mearns Jr	B3	88.6	85 2	16,934	646
Leroy Deputy	B3	132.0	83 4	16,626	645
Piney Lane Guernseys	2	58 3	87 8	13,353	641
M. J. Starner & Sons	B3	115.0	89.1	16,040	638
Eugene Witter	B3	72.8	88 7	16,712	638
Milton R Hoffman	3	38 5	91 4	17,045	633
Claude Holmes Jr	3	48 6	79 6	16 472	625
Adam F. Lobaugh	3	44 4	87 1	17,012	619
Stone Manor Dairy	3	47 3	88 6	16,790	617
George I Lauchman	B8	35 4	84 9	16,824	612
Way Brite Farms	B3	137 1	87 1	15,972	605
Getty Acres	B3	172 2	83 5	16,159	604
Richard K Herr	B3	104 2	86 3	16,193	601
Wayne H Rodgers	B3	84 3	86 5	16,020	599
Buttonwood Farms	3	128 4	86 3	17,009	596
Grove Bros	B3	77 2	86 0	16,463	591
Kraybill Miller	B3	46 2	86 7	15,885	590
Robel Acres	3	93 0	87 5	16,444	589
John J Hess	B3	112 5	85 5	15,323	588
Lagging Stream Farm	B3	117 3	81 2	15,012	583
Grn Manor Guernseys	8	25 2	85 4	12,184	582
Ber Crk	3	64 3	87 1	15,352	582
Knud A. Hermansen	G3	94 9	84 6	16,259	579
Donald Todt	B3	51 4	85 4	15,983	577
Oscar E Mehring	B3	34 6	87 9	14,890	569
Zeppdale Farms	B3	113 4	86 6	15,249	565
Roger L Sprague	B3	54 7	87 9	14,692	561
Kehr Acres	3	68 1	87 5	15,408	558
Robt & Linda Meyers	B3	77 6	85 9	15,260	558
Rhodes Enterprises	B3	98 6	87 3	14,549	550
Rinker Bros	B3	43 3	83 4	14,844	548
Kevin S Holtzinger	B3	218 0	87 2	14,709	546
Bowlder Valley	B3	59 0	84 4	14,613	538
James E Miller	2	40 7	80 6	11,528	528
Wm Inskip	G3	67 3	88 4	14,037	527
Pleasent Acres	B3	55 6	87 4	12,744	524
Frank Ludwig	B3	37 3	82 5	14,113	520
M.R. & C S Durboraw	B3	59 4	86 2	13,805	518
Leroy Basehoar	B3	64 8	82 2	13,233	512
Home Side Acres	B3	47 4	84 1	13,628	509
Richard Mills	G3	48 3	85 5	12,208	508
Guy Tanger	3	33 2	83 2	13,441	493
Pennstead Farm	3	39 4	88 5	13,213	492
Shamrock	B3	61 7	84 7	13,076	486
Robert L Rohrbaugh	B8	67 0	87 4	14,491	479
J Howard Stiles	4	50 7	85 6	9 329	470
Glenn & Janet Lippy	B3	114 3	87 6	11,882	468
H & W Farms	B3	64 3	83 1	12,157	467
Terrence P Murren	2	27 5	83 3	10,328	466
Bonnie Bud Acres	4	34 5	89 2	9,646	457
Robert C Hoffman	B3	20 5	94 2	11,593	437
James C Behney	G3	51 8	85 4	11 504	420

All complete lactations of 650 lbs fat or more

OWNER NAME OR NO.	BREED	AGE	DAYS IN MILK	LBS. MILK		LBS. FAT
Stoner Bros Dairy						
Ursula	3	7 10	287	16 835	4 9	830
Lisa	3	6 7	305	16 426	3 1	807
3	3	4 2	305	21 445	4 3	926
75	3	3 2	302	19 687	4 0	780
Pennstead Farm						
Glen 26	3	7 0	305	19 871	3 4	684
M J Starner & Sons						
48	3	3 3	274	16 211	4 3	700
Shirly	3	5 2	305	18 381	3 7	680
Meg	3	5 3	305	19 330	3 7	707
Janet	3	4 9	305	21 225	3 8	815
Kling Ayr Farms						
Isabel	3	5 11	305	19 984	3 5	704
June	3	4 6	305	21,961	3 3	717
Buttonwood Farms						
Gin	3	9 6	292	22,394	3 2	714
Posch	3	5 8	305	22,324	3 2	717
Rosalie	3	5 2	305	21,694	3 2	697
Posie	3	4 2	305	21,290	3 4	726
Barb	3	3 9	266	20,788	3 2	672

(Turn to Page D36)

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Quarryville, PA — GRUMELLI'S FARM SERV. — 717-786-7318
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Drums, PA — HIGHWAY EQUIPMENT & SUPPLY CO. — 717-788-1127
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Collegeville, PA — MID-ATLANTIC EQUIP. — 215-489-1400
Somerset, Pa. — BENDER IMPL. INC. — 814-443-4611
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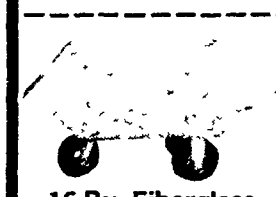
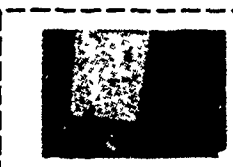

16 Bu. Fiberglass Feed Cart

Treated Wood Silage Cart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Adams Co. DHIA

(Continued from Page D35)

Roy A Weaner, Jr						
59	3	6-6	305	22,085	4 5	1002
83	3	5 8	305	21,098	4 0	839
John J Hess						
97	3	7-10	305	19,780	3 6	703
23	3	3 4	305	18,616	4 2	782
Wm Inskip						
40	3	4-9	305	20,777	3 6	739
Glenn & Janet Lippy						
Lassie	3	5-6	305	20,298	3 5	709
Ray Dutterer						
Alice	3	7-4	305	19,856	3 8	764
Gwen	3	4-5	305	21,967	4 1	902
El Rho Farm						
Starlit	3	8-5	305	21,021	3 9	824
Ingrid	3	3-0	305	21,958	3 7	813
Penny	3	2 3	305	18,345	4 5	827
Robert & Linda Meyers						
33	3	5-2	305	17,705	3 7	651
Weim Sharr Farms						
112	3	7-7	305	20,085	3 7	747
71	3	4-10	298	18,463	3 9	729
Grove Bros						
31	3	4-0	305	23,564	3 1	739
60	3	0-0	305	17,769	3 9	685
35	3	3-5	279	21,956	3 1	688
Eugene Witter						
Barbie	3	6-5	305	20,772	3 7	761
Polly	3	4-3	305	20,809	3 7	777
Leroy Deputy						
Phyllis	3	7-4	305	21,547	3 8	825
Lida	3	7-3	268	17,851	3 9	691
Dots	3	5-11	305	20,768	4 2	866
Leanne	3	6-2	305	19,926	4 1	823
Getty Acres						
104	3	7-2	305	19,826	3 5	685
184	3	6 0	284	19,591	3 8	747
196	3	5 4	305	19,881	3 4	668
201	3	5-3	305	20,074	4 2	850
206	3	5-5	305	20,723	3 6	746
251	3	4-6	305	22,643	3 3	736
275	3	4-4	286	23,109	3 6	830
280	3	3-11	305	17,468	4 1	710
326	3	3-2	305	17,796	4 2	747
Zeppdale Farms						
65	3	6-3	305	21,408	3 4	733
80	3	3-0	305	16,697	4 1	677
Ber Crk						
Music	3	5 1	305	17,787	4 0	707
Kevin S Holtzinger						
178	3	4-6	305	20,458	3 5	716
180	3	4-7	278	20,024	3 7	750
118	3	8-1	305	17,267	3 9	672
122	3	4-3	305	19,607	3 9	763
343	3	3-2	305	19,138	4 0	768
34	3	6 10	305	19,986	3 4	689
Knud A Hermansen						
140	3	7 3	305	19,578	3 9	754
144	3	7 11	305	18,158	3 6	657
160	3	7 0	305	16,567	4 0	663

Food Marketplace a "must-see" at Farm Show

HARRISBURG — The Pennsylvania Food Marketplace will again be a highlight of this year's 67th State Farm Show.

A record 22 Pennsylvania food firms are sheduled to have displays, give out samples and sell products to the half million anticipated Farm Show visitors during the week. The Pennsylvania Food Marketplace is located in the lower level of the large arena.

These firms are representative of more than 1,400 food processors and 28,000 food retail outlets in the state.

Firms participating in the 1983 Pennsylvania Food Marketplace are:

Alderfer Bologna, Co., Inc., Harleysville - displaying and selling ring bologna and dried beef.

Boston Farm Products, Stillwater - selling preserves, jams, honey and dried fruits.

The Cookie Corner, Lebanon - selling chocolate chip cookies.

Ellicott Mushrooms Inc., Avondale - selling fresh, canned and marinated mushrooms.

Furman Canning Co., Northumberland - sampling Furman products, selling gift packs.

Groff Snack Foods, Bowmansville - selling chips, pretzels and corn products.

Hall's Dairy, Millerstown - selling ice cream.

Hatfield Packing Co., Hatfield - display, samples of pork products.

Herr's Potato Chips, Inc., Nottingham - selling chips, pretzels and cheese curls.

K & N Soft Pretzel Co., King of Prussia - selling hot soft pretzels.

K-way Company, Highspire - selling frozen poultry products.

Kitchen Kettle Foods, Inc., Intercourse - selling jams, jellies, relishes and baked goods.

Lehigh Valley IGA Stores, Lehigh Valley - samples of apple juice and donut holes.

Palmyra Bologna Co., Palmyra - display and samples of Lebanon bologna.

The Pennsylvania Cheesemaker, Winfield - selling cheese and cheesespread.

Pennsylvania Co-operative Potato Growers, Harrisburg - display potato advertising material.

Pennsylvania Maple Syrup Producers Council, Montrose - selling maple syrup and maple products.

The Pennsylvania Wine Association, Cornwall - displaying Pennsylvania wines.

Quality Distributing, Shickshinny - selling candy and food products.

Shopes Farm Deli, Bird-In-Hand - selling cheese, meats, deli items.

Weis Markets, Sunbury - samples of milk.

Phillips Lancaster Co. Swiss Cheese, Gordonville - samples of swiss cheese.

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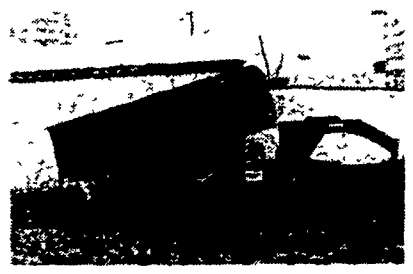

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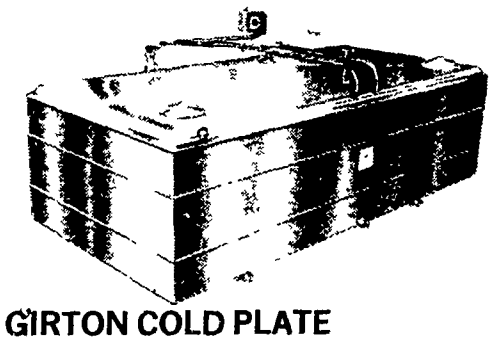

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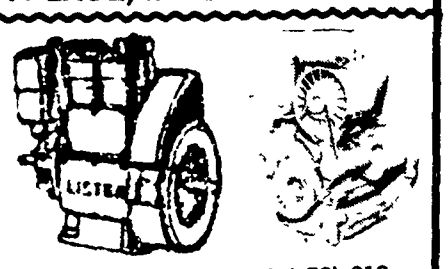

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Pump water with water

COLUMBIA, Mo. — A Missouri engineer has developed a system for pumping water with water.

The system needs no fuel like electricity or gasoline. Just water.

The water-powered pump could turn thousands of small dams in the U.S. and elsewhere into productive electric power plants or pumping stations, conserving valuable energy.

In the long run, it would be an incredibly economical way to pump water for drinking, irrigation and other uses, said Henry Liu, Univesity of Missouri-Columbia engineering professor.

He perfected the design which is based on a little known Russian concept called the Cherepnov lifter. It requires no outside power source, has only a couple of moving parts, and operates quietly and automatically.

In its simplest form, the lifter consists of three tanks, two just below the level of the impounded water, the third at the base of the dam. Water flows from one of the top tanks to the bottom tank, compressing the air in it. It's the compressed air, which is routed to the other top tank, which forces the water in it up and out.

Then the bottom tank drains, refilling with air, and the cycle begins anew.

"We're using water to pump water." Liu said. "For a dam five feet high, one lifter can move the water nearly five feet higher than the dam's original water level. With a series of lifters, water can be pumped to almost any height."

Of course, there is a "cost" for all this lifting. Half the water that passes through the lifter is discharged downstream after its energy is used to raise the other half. But that would be no problem for someone like a farmer, who has a good-sized pond and enough rainfall to periodically refill the pond.

"Once you've built the system, there would be no pumping charges for water," Liu said. Water would be pumped by the energy within the water itself."

Liu has small and large laboratory models of the system. But so far, none have been build for farm or other commercial uses.

"We can't pinpoint the exact cost, but I don't think it would be very expensive," Liu said.

"Other lifters in the large model are three used 55-gallon drums we bought for $5 each. The rest of the cost is in the piping."

Pipe size is the key to the system's water output. In Liu's large model, he uses a two-inch pipe which he said would be enough to supply the water needs for ten families. A four-inch pipe would supply 40 families; a six-inch pipe, 100 families. The size of the lifters (in this case, 55-gallon drums) would not have to be increased.

"Since there are thousands of small dams in the U.S. (4,000 in Missouri alone) doing nothing more than holding back water, the Department of Energy is interested in ways of turning them into power producers. That's why they sponsored our research." Liu said.

"Until now, any dam less than approximately 15 feet high would not be high enough to economically produce electrical power. But if you can extract energy from water, as you can with our system, we can lift part of the water high enough to economically produce electrical power.

"Raising the height of the water increases the force of the flowing water so smaller, less expensive turbines can be used."

But pumping water for irrigation, drinking and sanitation may prove to be the Cherepnov lifter's real strong point.

Large or small, for power production or pumping, the Cherepnov lifter requires virtually no maintenance.

Because of the lifters' design and the water's motion, the valves are self-cleaning and seldom need attention.

"Several organizations, here and abroad, are interested in the lifter," Lie said. "I think we may be seeing many of these in use in a few years, especially if energy costs continue to rise."

While the system Liu has developed takes off on a Russian concept, the basic idea goes back thousands of years — to "Here's fountain." Hero (or Heron as he was often known) built a fountain that employed a series of siphons and lifters in Alexandria, Egypt, in the First Century.

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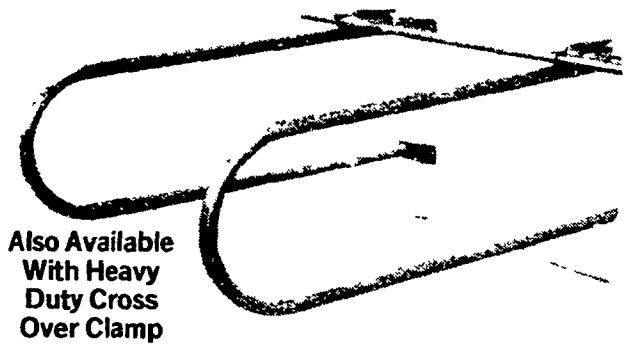

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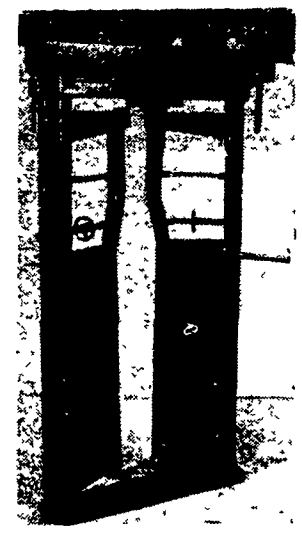

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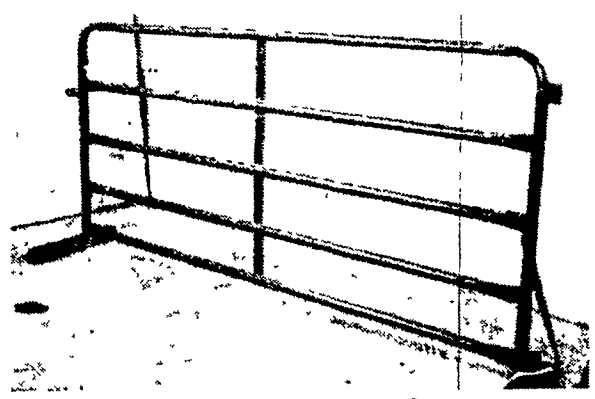

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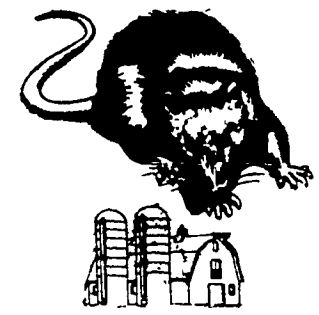

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HEIFERS BULLS

The Milk Check

TOM JURCHAK
County Agent

November Pool

The uniform price for 3.5 milk shipped to Order 2 handlers from the 201-210 mile zone in November was $13.71 a hundred. That's 10 cents less than last month and three cents less than last year.

In spite of steady fluid sales and a drop in production of around 200,000 pounds a day from last month that combined to give you a Class I utilization of 44.9 percent (the best of the year) the price still dropped ten cents.

The reason was a drop in your Louisville Plan pay back of 13.2 cents from October's 43.7 cents. November was the last day of the pay backs for this year so December's blend price will drop that 30 cents plus the 50 cents to be deducted under the new price support program. If this keeps up we'll have to find a new name for it.

National Meeting

The annual meeting of the National Milk Producers Federation in Detroit around the first of December had everything on the program from brucellosis to membrane technology for the 1,600 who attended but, as expected, the topic that attracted the most attention was the price support program — or a lack of one.

John Block, Secretary of Agriculture, said he would continue to administer the present program until Congress changes it but admitted he hasn't yet figured out the details for administering the second 50-cent assessment starting in April that is to be used as an inducement to producers for cutting production. He asked for one, unified, national, industry-wide plan to send to the new Congress but at the same time seemed to rule out adminstration support for anything besides a cut in the support price to lower production and government costs.

He hit especially hard on producer quotas because he felt there was no equitable way to set them; they would promote inefficient milk production; freeze regional production patterns; be difficult to administer and hard to remove.

Myth Understanding

He also said there were many "myths" surrounding the present dairy situation that had led to some "mistaken arguments" about its cause. Among those he cited — a decrease in the support price will increase production; that imports caused the problem; that it's a regional not a national problem; that we can solve everything by export sales or domestic giveaways; that a cull cow program will work and finally that lower prices effect smaller herd owners more than larger ones.

More Giveaways

Finally, he announced that the giveaway cheese and butter program would be extended through 1983. There will be an additional 280 million pounds of cheese and 75 million pounds of butter for distribution to the states. So far, the Commodity Credit Corporation has delivered 135 million pounds of cheese and more than eight million pounds of butter.

CCC pays the cost of hauling it to state warehouses where the states then assume the responsibility for distribution to "needy" families. It is estimated that CCC will have more than $1 billion in product cost, storage and hauling in the program by the end of 1983.

Bradford Co. honors top dairies

These three couples led Bradford County DHIA members in milk and fat during the association's 69th year. From left to right, the high herd owners are: Mr. and Mrs. Elmer Comstock, Rome, 800 pound ribbon; Mr. and Mrs. William Brown, Rome, 900 pounds ribbon; Mr. and Mrs. Ronald Davis, Warren Center, 800 pounds ribbon. The Browns led the county with 23,527 pounds of milk and 900 pounds of fat. Complete annual results were published in a recent issue of Lancaster Farming.

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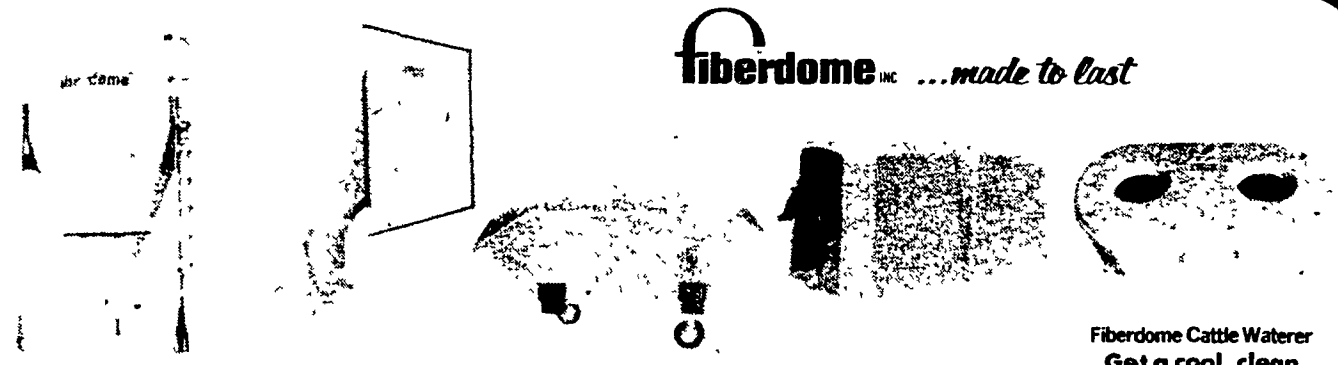

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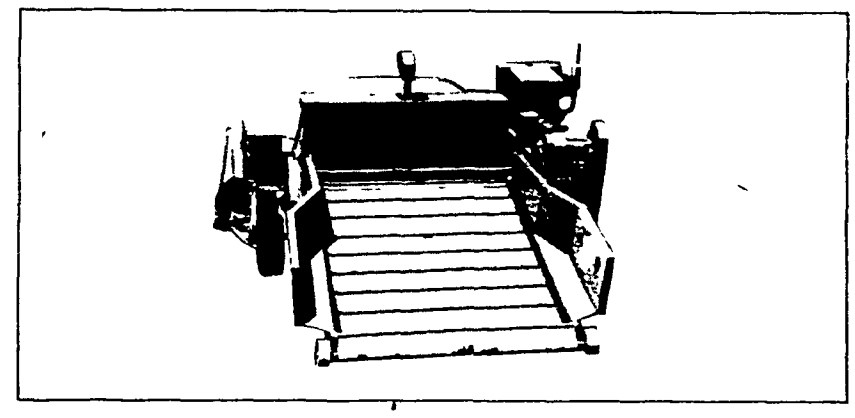

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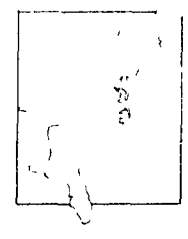

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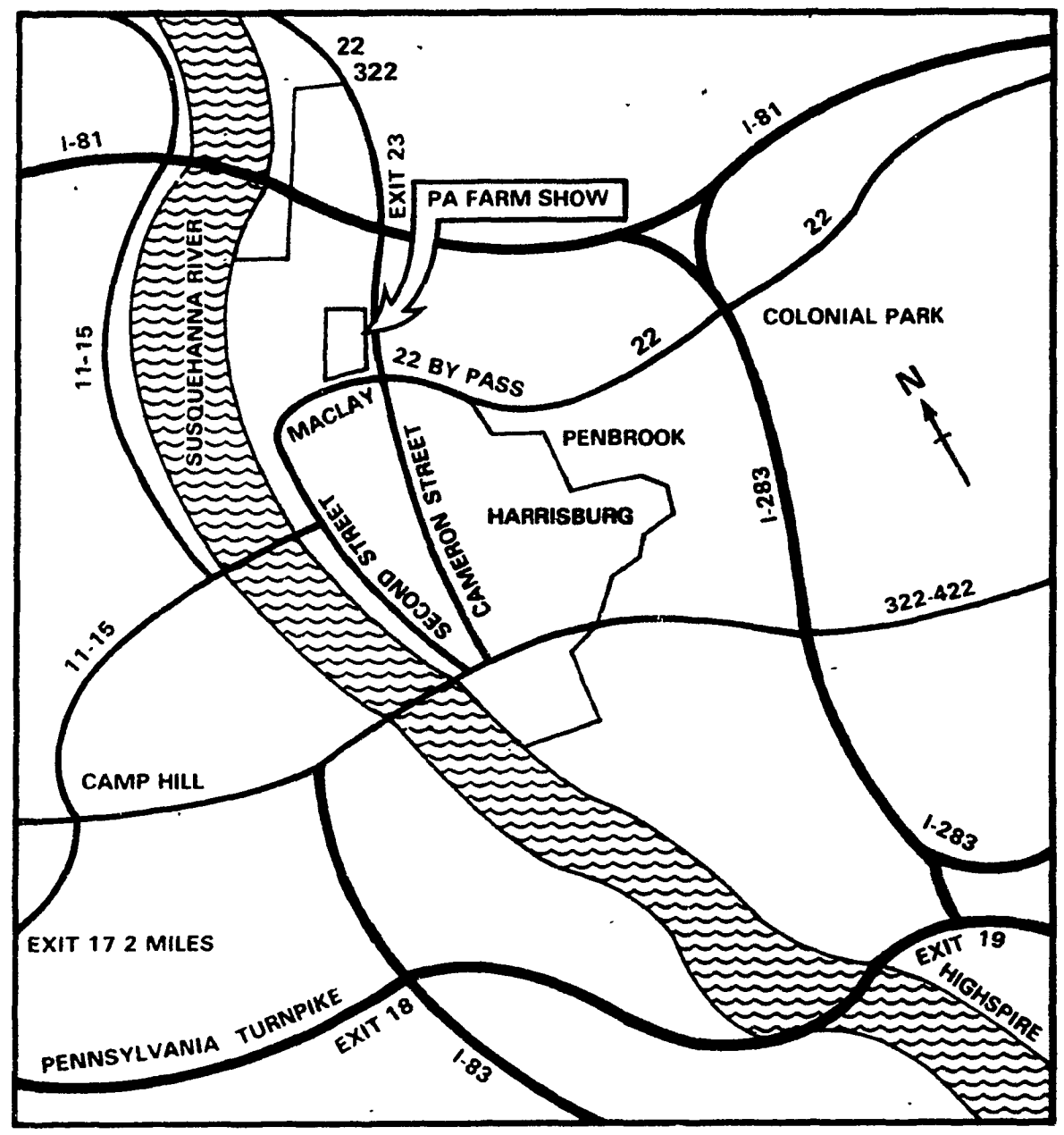
PA. FARM SHOW SCHEDULE



SUNDAY, JANUARY 9

8:00 a.m. - Judging: Tobacco, Main Exhibit Hall, Maclay Street Side.
9:00 a.m. - Judging: 4-H Entomology, Main Exhibit Hall, Maclay Street Side.
9:30 a.m. - Judging: Vegetables, Main Exhibit Hall, Maclay Street Side.
11:00 a.m. - Sheep Judging: Dorset, Hampshire, Suffolk, Shropshire, Cheviot & Southdown, Small Area.
11:00 a.m. - Non-Denominational Worship Service, Large Arena.
12 noon - Concert by Pennsylvania Air National Guard Band, Large Arena.
1:00 p.m. - Grand Opening Ceremonies; Large Arena.
1:00 p.m. - Judging: Christmas Trees, Main Exhibit Hall, Maclay Street Side.
1:45 p.m. - Concert by Pennsylvania Air National Guard Band, Commodity Booth Sampling, Large Arena.
6:30 p.m. and 9:30 p.m. - Country/Western Concert Featuring Jerry Reed & Bill Anderson (reserved Seats), Large Arena.

Meeting Schedule

2:00 p.m. - Commodity Queens Meeting, Room B.
7:30 p.m. - Pa. Sheep & Wool Growers Association, Room B.

MONDAY, JANUARY 10
SENIOR CITIZENS DAY

8:00 a.m. - Poultry Judging begins, Poultry Barn.
9:00 a.m. - Judging: Wool, Sheep Barn.
9:30 a.m. - Draft Horse Judging: Belgian & Clydesdale, Large Arena.
10:00 a.m. - Swine Sale: Berkshire, Small Arena.
11:00 a.m. - Draft Horse Judging: Percheron, Large Arena.
11:30 a.m. - Swine Sale: Duroc, Small Arena.
1:00 p.m. - Swine Sale: Hampshire, Small Arena.
1:00 p.m. to 3:30 p.m. - Vo-Ag School Demonstrations, Pennsylvania Room at Large Arena.
2:30 p.m. - Swine Sale: Landrace, Small Arena.
5:00 p.m. - Sheep Judging: Corriedale, Rambouillet & Merion, Small Arena.
6:30 p.m. - Secretary of Agriculture's Night: Pa. Farm Show Family of the Year, Agribusiness Award, Senior Farmer, Large Arena.
7:15 p.m. - Cumberland County 4-H Horse and Pony Riding Demonstration, Hitched Horse Competition (1-5 horses), Large Arena.

Meeting Schedule:

8:30 a.m. - Pa. Christmas Tree Growers Association - Registration, Hershey Convention Center.
10:00 a.m. - Pa. Society of Farm Women's 64th Convention, Forum Building.
11:00 a.m. - Pa. Hampshire Swine Breeders Association, Room A.
12:30 a.m. - Pa. Corn Growers Association, Room E.
1:30 p.m. - Pa. Raw Milk Producers-Distributors Association, Room D.
3:00 p.m. - Pa. Cattlemen's Association, Room A.
5:00 p.m. - Pa. Cooperative Swine Breeders Association - Executive Meeting, Room C
6:00 p.m. - Banquet - Society of Farm Women, Penn Harris Motor Inn.
7:00 p.m. - Banquet - Pa. Christmas Tree Growers Association, Hershey Convention Center.

TUESDAY, JANUARY 11

8:00 a.m. - Dairy Cattle Judging: Guernsey, Brown Swiss and Milking Shorthorn, Large Arena.
9:30 a.m. - Dairy Cattle Judging: Holstein, Large Arena.
10:00 a.m. - Swine Sale: Yorkshire, Small Arena.
10:00 a.m. to 3:30 p.m. - Vo-Ag School Demonstration, Pennsylvania Room, at Large Arena.
11:00 a.m. - Dairy Cattle Judging: Ayrshire and Jersey, Large Arena.
11:30 a.m. - Swine Sale: Spotted Swine, Small Arena.
1:00 p.m. - Swine Sale: Poland China, Small Arena.
2:30 p.m. - Swine Sale: Chester White, Small Area.
6:00 p.m. - Master Farmers Night, Future Farmers of America Band Concert, Large Arena.
7:00 p.m. - Folk Dance Festival & Concert, largest in the Nation with 480 contestants, Large Arena.

Meeting Schedule

9:00 a.m. - Christmas Tree Growers Association, Hershey Convention Center.
8:00 a.m. 12 noon - Pa. Society of Farm Women, Rooms D & E.
1:00 p.m. - Pa. Angus Association Auxiliary, Room A.
1:00 p.m. - Pa. Brown Swiss Breeders Association, Room B.
2:00 p.m. - Pa. Ayrshire Breeders Association, Room C.
1:30 p.m. - Pa. Jersey Cattle Club, Room D.
6:00 p.m. - Pennsylvania Dairymens Association, Penn Harris Motor Inn.
6:30 p.m. - Pa. Angus Association Auxiliary, Hanover Restaurant.
7:30 p.m. - Pa. Draft Horse & Mule Association, Room C.

WEDNESDAY, JANUARY 12

8:30 a.m. - Junior Sheep Breeding, Small Arena.
8:30 a.m. to 10:30 a.m. - Vo-Ag School Demonstrations, Pennsylvania Room, at Large Arena.
9:00 a.m. - Beef Cattle Judging: Polled Hereford and Angus, Large Arena.
10:00 a.m. - Junior Market Lambs, Small Arena.
1:00 p.m. - Beef Cattle Judging: Shorthorn, Hereford, Large Arena.
1:00 p.m. - Junior Lamb Showmanship, Small Arena.
1:30 p.m. - Beef Cattle Judging: Chianina, Large Arena.
2:00 p.m - Beef Cattle Judging: Simmental, Large Arena.
3:00 p.m. - Junior Sheep Blocking & Grooming, Small Arena.
4:30 p.m. thru Evening - Championship Horse Pulling:, Lightweight Division; Six-Horse Hitch, Demonstration; Heavyweight Division, Large Arena.
6:00 p.m. - State Sheep to Shawl Contest, Small Arena.
8:45 p.m. - Auction of shawls, Small Arena.

Meeting Schedule

1:00 p.m. - 53rd Annual Mid-Winter Convention of Future Farmers of America, Forum Building.
2:00 p.m. - Keystone Pony Pullers Association, Room E.
3:30 p.m. - Pa. Charolais Association, Room A.
4:30 p.m. - Agri. Republican Meeting, Rooms D & E.

THURSDAY, JANUARY 13

8:30 a.m. - Junior Beef Breeding: Angus, Charolais, Chianina, Hereford, Shorthorn, Simmental, Large Arena.
8:30 a.m. - Junior Market Swine, Small Arena.
9:00 a.m. - 4-H Potato Grading & Identification, Room E.
11:00 a.m. - Junior Beef Steer Classes, Large Arena.
1:00 p.m. - Junior Swine Showmanship, Small Arena.
2:30 p.m. - Grand Champion Steer, Large Arena.
3:30 p.m. - Junior Beef Showmanship Contest, Large Arena.
6:00 p.m. thru Evening - Pony Pulling Contest: Lightweight, Mediumweight and Heavyweight Divisions, Large Arena.
6:00 p.m. - Bid Calling Contest, Small Arena.

Meeting Schedule

9:30 a.m. - Pa. Nut Growers Association, Room B.
1:00 p.m. - Pa. Pork Producers Council, Room C.
1:00 p.m. - Pa. Maple Syrup Producers Council, Room D.

FRIDAY, JANUARY 14

9:00 a.m. - Judging: Dairy Goats, Large Arena.
10:00 a.m. - Junior Market Swine Sale, Small Arena.
12:30 p.m. - Junior Market Lamb Sale, Small Arena.
1:30 p.m. - Junior Steer Sale, Small Arena.
4:00 p.m. - Show Closes.

LIVESTOCK SCHEDULE — JUDGING, SALES, CONTESTS

Type of Livestock	January 8 SATURDAY	January 9 SUNDAY	January 10 MONDAY	January 11 TUESDAY	January 12 WEDNESDAY	January 13 THURSDAY	January 14 FRIDAY
HORSES Large Arena			**9:30 a.m.** Belgian **9:30 a.m.** Clydesdale **11:00 a.m.** Percheron **7:15 p.m.** Hitched Classes, 4-H Horse & Pony Demonstration		**4:30 p.m.** Horse Pulling Contest **6:00 p.m.** Horse Hitch	**6:00 p.m.** Pony Pulling Contest	
DAIRY CATTLE Large Arena				**8:00 a.m.** Guernesy Brown Swiss Milking - Shorthorn **9:30 a.m.** Holstein **11:00 a.m.** Ayrshire Jersey			
BEEF CATTLE Large Arena (Unless noted otherwise)					**9:00 a.m.** Polled Hereford **9:00 a.m.** Angus **12 Noon** Charolais **1:00 p.m.** Shorthorn Hereford **1:30 p.m.** Chianina **2:00 p.m.** Simmental	**8:30 p.m.** Jr Beef Breeding Angus Charolais Chianina Hereford Shorthorn Simmental **11:00 a.m.** Jr Steer Classes **2:30 p.m.** Grand Champion **3:30 p.m.** Jr Beef Showmanship	**1:30 p.m.** Jr Steer Sale (Small Arena)
SHEEP Small Arena	**6:00 p.m.** Carcass Lambs	**11:00 a.m** Dorset Hampshire Suffolk Shropshire Cheviot Southdown	**5:00 p.m.** Cornedale Rambouillet Merino		**8:30 a.m.** Jr Breeding Sheep **10:00 a.m.** Jr Market Lambs **1:00 p.m.** Jr Lamb Showmanship **3:00 p.m.** Jr Sheep Blocking and Grooming **6:00 p.m.** Sheep to Shawl Contest		**12:30 p.m.** Jr Market Lamb Sale
SWINE Small Arena	**8:00 a.m.** Chester White Poland China Duroc Hampshire Berkshire Yorkshire Spotted Swine Landrace		**SALES:** **10:00 a.m.** Berkshire **11:30 a.m.** Duroc **1:00 p.m.** Hampshire **2:30 p.m.** Landrace	**SALES:** **10:00 a.m.** York **11:30 a.m.** Spotted Swine **1:00 p.m.** Poland China **2:30 p.m.** Chester White		**8:30 a.m.** Jr Market Swine **1:00 p.m.** Jr Swine Showmanship	**10:00 a.m.** Jr Market Swine Sale
DAIRY GOATS Large Arena							**9:00 a.m.** Dairy Goats

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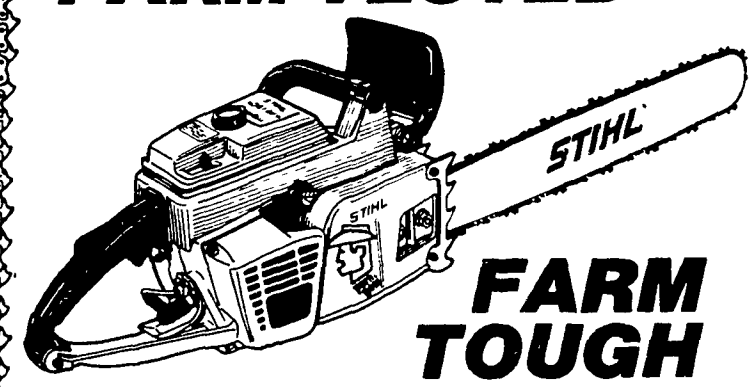

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Solar power on farm remains largely untapped

WASHINGTON, D.C. — Agriculture already uses more solar energy than any other industry, but human ingenuity can't take the credit. Aside from photosynthesis in crops, solar power's potential on the farm remains largely untapped.

Is solar energy destined to play a larger role in agriculture? The future is too uncertain to predict, concludes a recent report by Walter Heid and Warren Trotter of USDA's Economic Research Service. However, the two economists also point to significant progress in harnessing solar energy and reducing the barriers to greater farm use.

Public and private research and development work continues, despite a cutback in federal funding for solar projects. According to Heid and Trotter, solar technologies will have many new farm applications if scientists, manufacturers, and backyard inventors succeed in overcoming some of the technical and economic shortcomings of current systems.

"Many existing systems have already proven their worth in reducing energy costs for some farm tasks, such as drying grain. For most farm uses, solar technology still cannot compete with conventional energy sources, but the future may tell a different story," Heid says.

Most farm solar devices are nonconcentrating, flat-plate solar collectors, which simply absorb and distribute sun-generated heat. Few store heat. Until recently, these collectors have been designed for fixed, single-purpose farm uses only — with each use requiring a different system. Despite these limitation, hundreds of U.S. farmers are using them successfully for such tasks as drying grain and for heating and cooling farrowing and nursery barns. Solar water heating for dairies also is economical now, although conservation of waste heat costs even less.

Researchers are now focusing on portable, multipurpose collector designs, which will be needed to attract a broader farm market. The increased flexibility of these collectors will allow farmers to spread their investment cost over more uses, thus shortening the payback period.

Even more promising are the emerging systems that may be widely available by the 1990s. The two solar technologies getting the most attention — concentrating collectors and photovoltaics — can provide types of energy the simple flat-plate designs cannot: high-grade heat and electricity.

Although they are making inroads in the commercial energy market, concentrating solar collectors still require more research for farm applications. Using mirrors or lenses, these devices concentrate sunlight, yielding much higher temperatures than the flat-plate systems. Concentrating collectors could be used to: provide high-grade heat for processing farm products; produce electricity for powering irrigation systems; provide heat and electricity for farmhouse needs; produce hydrogen, which may one day be used to fuel farm equipment; and produce other fuels and chemicals for farm production needs — including ethanol and nitrogen fertilizer.

Photovoltaics may eventually be the preferred solar technology for generating electricity. Made of silicon, photovoltaic cells generate electricity on contact with sunlight. Batteries are required to store energy for use at night and on cloudy days. The silicon panels in use today, however, are only about 10 percent efficient and cost $7 to $15 per peak watt (cost of electricity during hours of peak sunlight). The comparable price of conventional electricity is still much lower.

Nevertheless, photovoltaics' costs have fallen 50 percent since 1976, and they will continue to drop rapidly as the market grows, as cell production becomes automated, and as cell efficiency improves. This technology will be competitive with public utility electricity if we reach the Department of Energy's goals for electricity from photovoltaics of $1.60 per peak watt by 1986 and 70 cents by 1990. "The photovoltaic industry is quite optimistic that these goals can be achieved," Heid says.

In 1980, electricity provided about 8 percent of all energy used on farms, and electricity use in agriculture is increasing at almost twice the rate of all other farm energy sources. Thus, the potential farm market for this technology is large. Heid and Trotter report that photovoltaics already are an economical alternative for powering electric fences and remote livestock watering stations. A further plus to the development of photovoltaics is that farmers and others can sell their surplus electricity to public utilities.

"As solar products improve and are accepted by the public, manufacturers will devise methods of mass production — leading to price reductions potentially as great as those in the computer industry," Heid says.

The production of flat-plate collectors has soared since 1974, from 1.3 million square feet to an estimated 19.4 million in 1980. However, the agricultural market accounted for only 5 percent of the 1980 sales. So far, the collector industry has concentrated mainly on penetrating the residential market, largely ignoring the manufacture of products developed for farm uses. As a result, commercially manufactured collectors are either not suitable or are too expensive for most farm applications.

Up to now, most farmers investing in solar collectors have relied on homemade designs developed through public research. These homemade collectors — some available in kits — may still be farmers' best choice. However, there are obstacles to this option, too. For one thing, no standard method exists for certifying the value of homemade collectors for lending and tax credit purposes. Also, the materials needed for proper construction are not widely available. Until a component marketing system is developed, along with financing and technical services, farmers are not likely to show widespread interest in low-cost, homemade collectors.

AFBF supports blended credit program

WASHINGTON, D.C. — The American Farm Bureau Federation is urging the Reagan Administration to continue its blended credit agricultural export financing program.

AFBF's international trade specialist Glenn Tussy says the organization is urging the U.S. Department of Agriculture to "move quickly to utilize $300-million" in Commodity Credit Corporation funds for export financing contained in the agricultural appropriations measure recently signed by President Reagan.

"That $300 million, combined with funds from the CCC Credit Guarantee Program, could build a blended credit fund of up to $1.5 billion," said Tussey. "Since the blended credit money from 1982 has just run out, it is imperative to announce a newer, bigger version" of the program designed to make U.S. agriculture more competitive in the world market.

"When other countries are subsidizing their agricultural export credit rates, we lose our markets unless we meet this competition," Tussey added.

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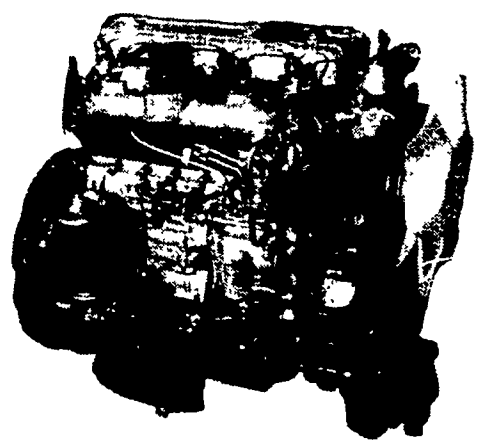

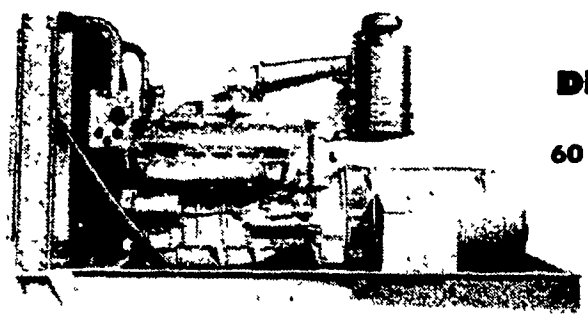

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Monday is Sr. Citizen Day at Farm Show

HARRISBURG — Monday, January 10, has been declared Senior Citizens' Day at the 67th Annual Pennsylvania Farm Show, according to State Agriculture Secretary Penrose Hallowell.

A Senior Citizens Corral will be set up at the main entrance on the MacLay Street side in a joint effort between the State departments of Agriculture and Aging.

Many events have been planned for Senior Citizens Day. Animal lovers will find judging, sales and contests among the big draft horses, sheep, swine, lambs, dairy and beef cattle during the day.

Monday night is Secretary of Agriculture's Night in the large arena. The program includes a presentation of an award to the oldest Pennsylvania farmer at Monday's show. Senior citizens are being encouraged to stop by the Corral and register for this award.

Throughout the week, farm product booths will offer fresh Pennsylvania products such as baked potatoes, donuts, fried mushrooms, crisp apples and apple cider, homemade soups, fried chicken, roast beef and pork barbeque sandwiches, lamb stew, ice cream, honey and thick milkshakes — all prepared by the men and women who produce these products on the farm.

USDA study finds most dog breeders care

WASHINGTON, D.C. — Although some dog breeders do not provide good care for their animals, most breeders are attempting to comply with federal standards, a U.S. Department of Agriculture veterinarian said recently.

According to Richard Rissler of USDA's Animal and Plant Health Inspection Service, this conclusion is based on a recent USDA study of 158 dog breeding kennels in Arkansas, Illinois, Iowa, Kansas, Missouri, Oklahoma and Texas.

USDA investigators found 35 kennels that had one or more deficiencies, Risser said. Another 50 Kennels were not selling puppies for resale through pet stores and thus did not fall under federal regulation. The other 73 breeders were in complete or nearly complete compliance with federal standards.

These standards cover the ten major aspects of animal care and comfort set by the Animal Welfare Act, Rissler said. Rissler supervises their implementation nationwide as assistant director of USDA animal health programs with special responsibility for animal care.

"Breeders with borderline operations have been slated for priority inspecton in the future," Rissler said. "But there are others who seem to have made a special effort to improve animal care. For example, one in Texas dropped out of the dog breeding business and then restocked after setting up an entirely new facility. Another dealer, in Oklahoma, hired two additional animal caretakers, even though he had been cited for only minor deficiencies. A third, in Iowa, constructed an entirely new dog kennel."

The USDA study followed publication last fall of a "Closeup Report" by the Humane Society of the United States. The report claimed only one of several hundred "puppy mills" visited by a humane society investigator was in total compliance with federal animal care standards, Rissler said.►

"We always give first priority to complaints," Rissler said. "After reading the Humane Society of the United States' report, we felt these cases warranted special review."

USDA, in cooperation with the society, set up guidelines for investigating this large group.

"First, we compared USDA reports of routine compliance inspections with the individual humane society reports," Rissler said. "Then, where needed, we conducted on-site inspections at the kennels involved. We used a special inspection team in most cases, so that the regular inspector was not solely responsible for the special inspection."

Dealers with newly substantiated deficiencies were given deadlines for corrective action. USDA inspectors will make followup inspections soon after the deadlines to be sure the changes are made, Rissler said.

In cases where USDA already has a documented record of noncompliance despite earlier warnings, cases are being prepared for possible prosecution.

"We may be able to correct some of these cases with an official letter of warning," Rissler said. "In others, we will have to file administrative charges. If these charges are substantiated, administrative law judges can impose fines and take away a dealer's federal license to operate, either temporarily or permanently."

Rissler said he is especially concerned about dealers with an increasing number of deficiencies in successive inspections.

"I'd put about 20 dealers in that category — a situation we can't allow to continue," he said. "Quite simply, these dealers have two choices. They can dispose of their stock and give up their license. Or, they can renovate their facilities and change the way they do business."

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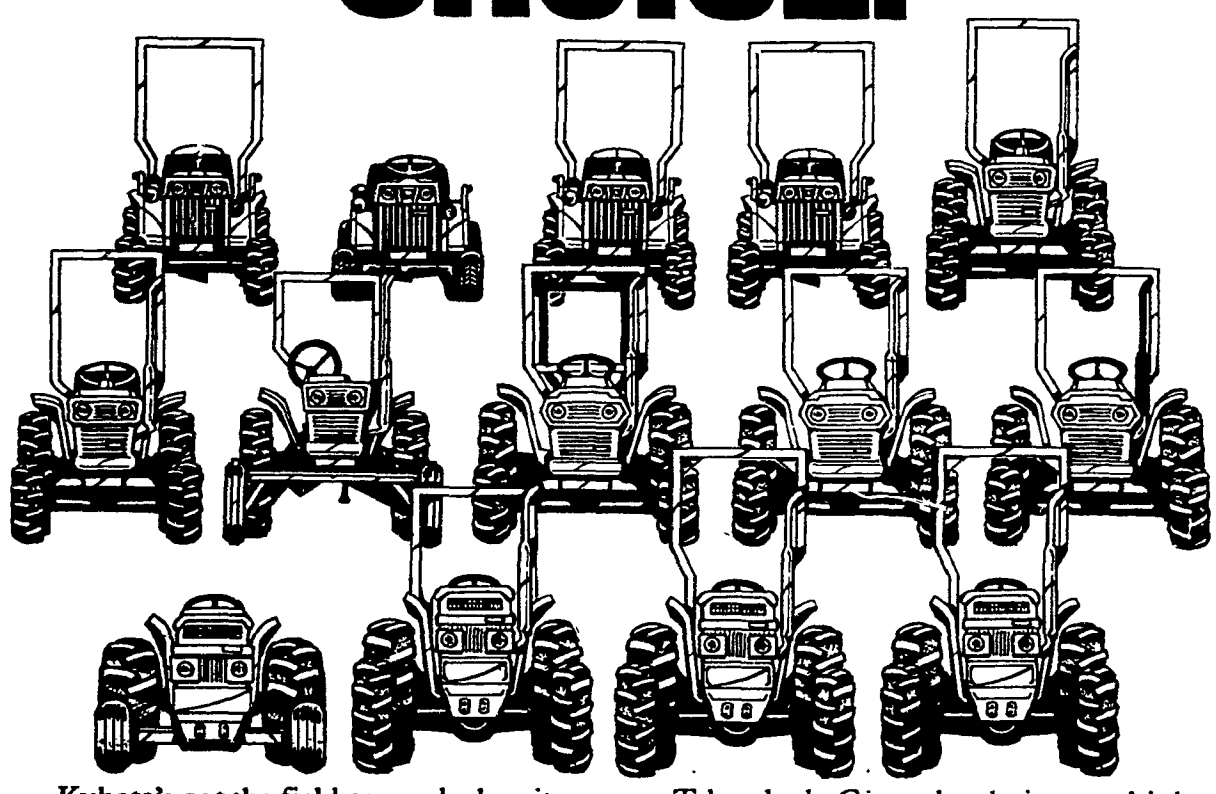

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

Surplus

Most agricultural products have periods of surplus with resulting low prices. Unfortunately this has been the history of agriculture for as long as I can remember. What can we do about it? As an industry there are some things that could be done, but usually the crisis is too short lived to force us to do them.

As an industry

First let us dispell the notion that there is one agriculture. We wish this was true and in a remote sense, it may be. We do have on cabinet member representing ag, but then there is one cabinet member representation transportation (what could be more competitive than trucks versus railroads) as well.

No, let's be realistic. In modern agriculture there are several rival agricultural endeavors. What may be good for one may not be good for others. For example: if corn and soybeans were at 1980-81 levels, the dairyman would be in worst straits than he is and the swine producer would be faced with the dilemma of "Do I sell my grain or feed it thru hogs?" O.K. enough of this. What can each of these sub industries do to survive?

A very logical answer to some people would be to say advertise. But advertise what? Should the grain people advertise corn flakes, wheaties, corn syrup, soybean milk, oatmeal, etc? Or should the dairy farmer advertise milk, cheese, butter, etc?

The answer may be a qualified yes. Perhaps the various subgroups in agriulture should look at themselves and see how close their product is to the consumer. For the wheat farmer to promote bread may be a waste of time because of the steps between wheat and bread. However the egg producer or the dairy farmer could probably directly benefit from some well-placed advertisement.

Research and development is another possibility. New products and new ways to use existing products are the reason many industries put a lot of money into their R and D units. Of course these R and D units should stay in touch with society.

That's what happened to Detroit's auto industry. They were so busy developing new gimmicks that they wanted, that foreign auto makers were able to capture a big share of the market by furnishing things the consumer wanted.

As much as I love the dairy industry it hurts me to see dairy producer following the same out-of-date ideas as the Detroit automakers. In this case it is not the Japanese or Germans or Italians who are satisfying the market. It is the New Zealanders and the American grain producer with imitations. What is more just like the parking lots of Ford or Chevy with their row after row of Toyotas or Datsuns of VWs, the dairy farmer uses rivals' products (milk replacer, non-dairy creamers, beer, pop, etc.)

Yes, dairy farmers feel that milk is so pure that is should not be changed. Result, they disdain the possible sales they could have by bowing to consumers' desires. The motto appears to be "We'll go broke rather than change."

Del. vegetable growers meet Jan. 13-14

NEWARK, Del. — Delaware vegetable growers will gather Thursday and Friday, Jan. 13 and 14, at the Sheraton Inn in Dover for their annual meeting. The program will start at 8:30 a.m. both days and last until 4 p.m. There will be a trade show, as well as a banquet.

Delaware governor P.S. duPont IV will be the first speaker Jan. 13, followed by state secretary of agriculture Don Lynch. The morning session that day will also include talks on irrigation water allocation and permits, and marketing and promoting Delaware vegetables.

Thursday afternoon there will be two concurrent sessions — one for vegetable growers, the other for potato growers. The vegetable session will cover opportunities for ethnic vegetable production; insect control; economics of greenhouse vegetables; weed control; poultry manure rates for melons and vegetables; and disease control on cucurbits. The potato session will include talks on postemergence herbicides and herbicide-systemic insecticide interactions; a market update; a report on potato merchandising; and discussions on potato varieties, irrigation and insect control.

Speaker at the Thursday night banquet will be "The Weatherman," A.M. Weather, Maryland Public Broadcasting System. He will present a humorous look at the weather and problems in predicting it.

Friday morning, Jan. 14, two young farmers — one from Bird's Nest, Va., and the other from Gloucester County, N.J. — will tell how they meet marketing challenges. There will also be talks on present and future nitrogen sources, on-farm computers, and managing bees for optimum yield.

The afternoon session on the 14th will be devoted to processing crops. There will be talks on the feasibility of attracting vegetable processors to Delmarva; no-till programs for sweet corn, beans and other vegetables; gel seeding for tomatoes, and the use of gels as a root dip for transplants. There will also be a report on pea varieties and a question and answer session on disease and insect problems.

The two-day meeting is sponsored by the Delaware Cooperative Extension Service, the Vegetable Growers Association of Delaware, and the Delaware Potato Growers Association.

Banquet tickets cost $15 and are available through county Extension offices in Newark, Dover and Georgetown. They will also be on sale during the meeting.

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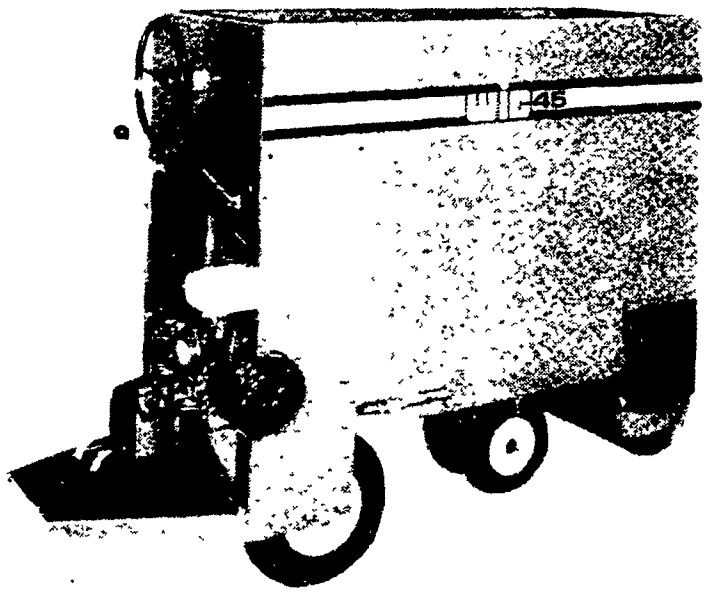

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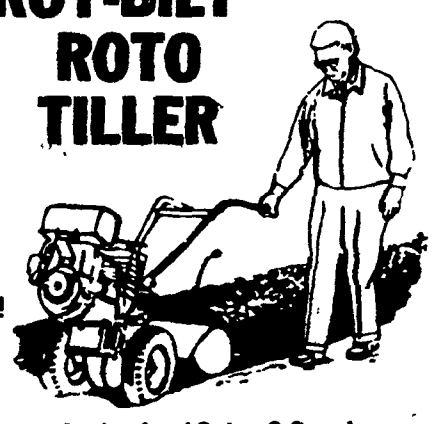

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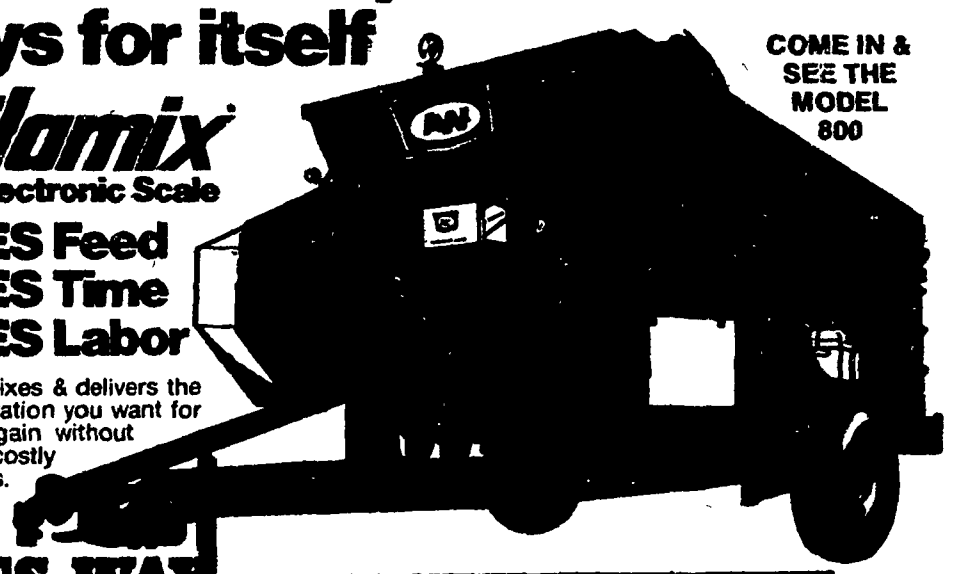

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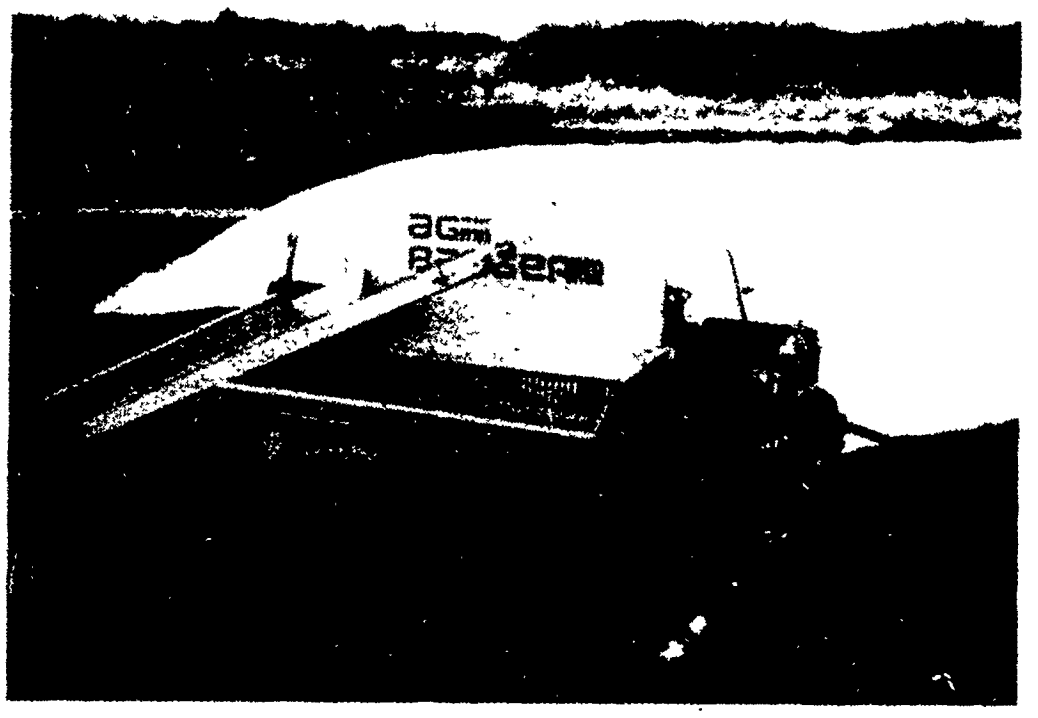

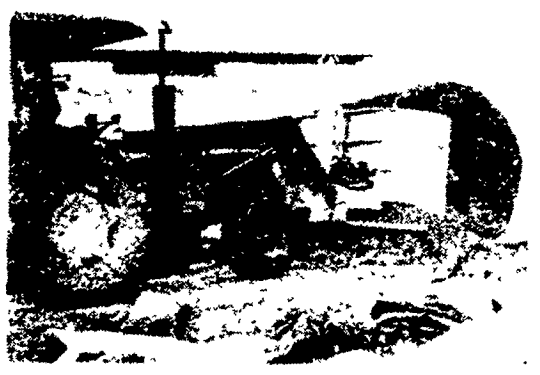

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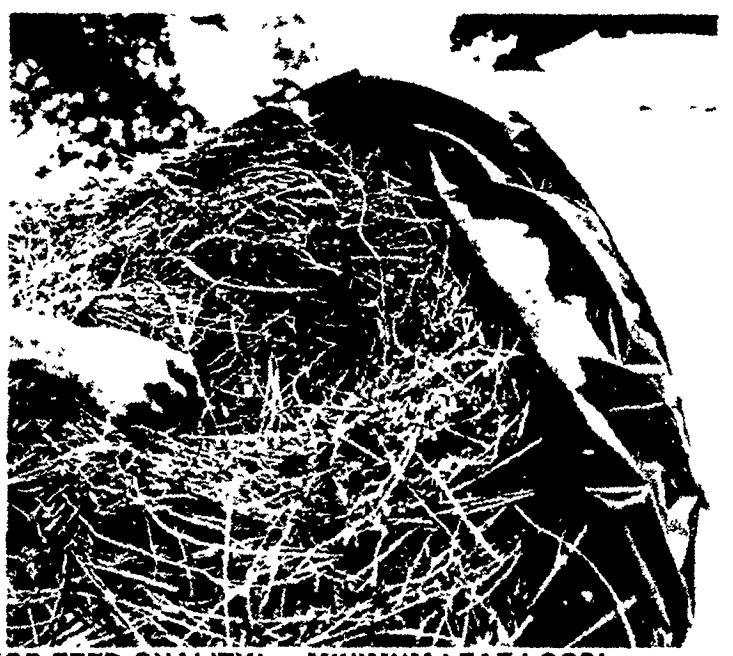

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Soybeans fortify Mexican tortillas

MEXICO CITY, Mexico — A small army of "Missionaries" is hard at work in Mexico spreading the "gospel" of soybeans. Their message—soybeans offer a good quality low cost protein supplement to the Mexican diet at a time when both money and meat are scarce.

The "missionaries" are the staff at the American Soybean Association Human Nutrition Center in Mexico City. Their knowledge, in demand right now, is helping expand markets for U.S. soybeans. The HNC, established in 1980, conducts its work with the help of checkoff investments of U.S. soybean farmers.

"People in Mexico are interested in nutrition education," says HNC director Ruth Orellana. "And when nutrition education is offered in a program of soybean nutrition, it seems to have a double value to people."

Orellana says soybean nutrition information is in demand by all kinds of people. Her staff found food manufacturers who were interested in improving the nutritional qualities of their products, such as tortillas, but didn't know the techniques for adding soy-protein. They also found health care professionals who wanted to learn more about soybean nutrition, but didn't have access to such information.

Reflecting on the extremely successful and immensely popular lectures and workshops given by the HNC, Orellana decided to put together a 15-hour short course lecture package and offer it to universities and technical schools. Soon the requests started pouring in.

"We offered them free of charge," says Orellana. "Some people say that free offers aren't appreciated, but I don't believe that philosophy. In fact, we're finding now that universities are more selective in who can attend our courses. One university has found it necessary to hold a lottery to select qualified individuals when space is limited."

The HNC staff has presented 15 courses since the program began in January. Almost 500 people took the courses during the first half of the year. The courses are designed for university-level students in nutrition, food technology and other areas of health care, as well as for doctors, nurses, and social service workers. But the HNC staff has an ulterior motive, albeit a beneficial one.

Each time the course is presented the soybean message reaches many people who make decisions affecting nutrition in Mexico. According to Ed Quinones, ASA Division Manager for South America, government and private projects offer the greatest potential for increased use of U.S. soybeans.

"The nutrition education programs of the Human Nutrition Center are an excellent opportunity for us to show the benefits of using soybeans in the diet," says Quinones. "The program also makes it possible for us to show the food industry how to use soy products to produce high quality foods that will gain consumer acceptance."

"Our program evaluation shows that teaching soy nutrition to professionals has a tremendous impact," explains Orellana. "Sometimes we're just lucky, too," she admits.

To illustrate she tells what happened as a result of a course taught by assistant nutritionist Adela Perez in Baja California. At the completion of a recent nutrition course, the state government not only hired an HNC-trained nutritionist, but also employed eight technicians to help spread the soybean message in the state's innovative nutrition program.

While Perez was in Baja California, she and Guillermo Sada, who is in charge of the state program, called on a tortilla plant owner/operator in hopes of interesting him in fortifying his tortillas with soybeans. Although they didn't know the man, it turned out that he was quite interested in their product. As the owner of four factories and president of the tortilla factory association in Baja California, he had, for some time, been interested in making a soy-fortified product, says Orellana.

After explaining the technical aspects of using soy flour, Perez calculated that producing one kilogram, (a little over two pounds) of soybean fortified tortilla mix would only cost one cent more than non-fortified tortillas. The plant owner figured his company could absorb the minor additional cost so the price to consumers remained the same.

Shortly after he began fortifying the tortilla mix once a week in one factory the owner noticed that people were lining up to get the tortillas produced there.

They like them because they are whiter and roll better than regular tortillas, the factory owner explained.

"Besides improving the color and texture, an eight percent addition of soybeans increases the protein content in the tortillas to about 14 percent," Orellana says. "And it's much better quality protein because the soybean amino acids compliment the corn amino acids." Now all four factories fortify tortillas—each using about 9 bushels of soybeans a week—and are ordering soybeans from the United States.

These four factories alone are using around 2000 bushels of soybeans per year to fortify tortillas—roughly equal to the annual production of an efficient Midwestern soybean farmer. Considering the huge annual Mexican tortilla consumption — it's easy to see that inclusion of soy-fortified flour in tortillas provides a huge potential market for U.S. soybean farmers.

"This is an extension of the Human Nutrition Center policy to increase demand through nutrition education," Orellana says. "The people we teach take the message and go further with it. People in Mexico are now looking for soybean products. They are forming co-ops and are going to the government with their request for good quality, edible soybean products.

"Fortifying tortillas is going to be the real thing in Mexico and Central America," Orellana predicts. "That's where we can use most soybeans. Bakers are probably the biggest users of soy in the United States. There's no reason why they shouldn't be in Mexico."

The Human Nutrition Center continues to get requests for its short courses and the staff plans to carry on spreading the soybean nutrition message.

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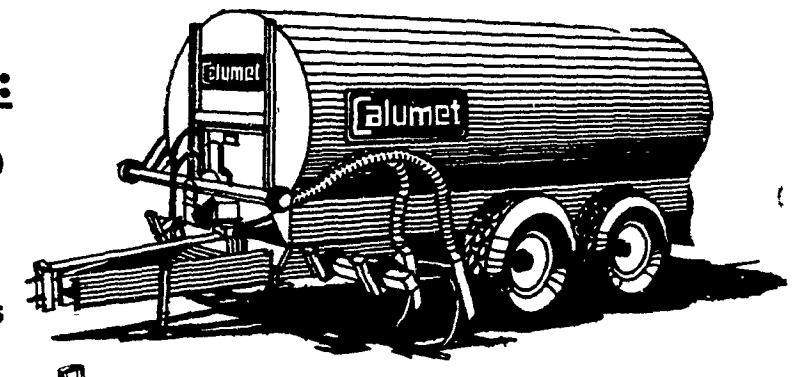

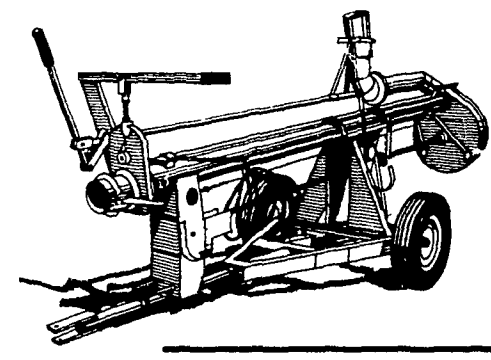

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Delmarva corn, soybean meeting Feb. 3

NEWARK, DE — Theme of the 1983 Delmarva Corn and Soybean Conference is "Back to Basics"-a topic that should appeal to farmers trying to reduce production costs and market their grain more profitably. The conference will be held Thursday, Feb. 3, from 8:30 a.m. to 3:30 p.m. at the Wicomico Youth and Civic Center in Salisbury, Md. Both of the keynote speakers will talk about marketing.

W. Glen Tussey, assistant director for national affairs for the American Farm Bureau Federation, will wrap up the conference by telling why he believes foreign trade is the key to American farmer success. Tussey, a specialist in foreign trade, joined the Farm Bureau five years ago after a long career with the U.S. Department of Agriculture's Foreign Agricultural Service. He has traveled in over 50 countries where U. S. farm commodities are sold.

Another major speaker will be Carl J. Heinisch, vice president of agrifinance at the DeKalb Bank in DeKalb, Ill. He will discuss marketing strategies for grain farmers. Heinisch is a former University of Illinois extension advisor turned banker. He grew up on a dairy farm and has raised corn, soybeans and hogs.

Other parts of the program will deal with basic production efficiencies to help farmers stay in business during these difficult times.

A panel of experts on crop and soil fertility will discuss how to get the most out of your fertility dollar. Panel members will talk about practical fertility through soil testing; use of poultry and other livestock manures; the pros and cons of sludge; and fertilizer and fertilizer placement.

Other speakers will discuss control of escaped weeds in soybeans; farm machinery safety; and common sense management practices. Two Dorchester County, Md. farmers, Joseph Layton, Jr. and Steele Phillips, will tell how they use pest management to reduce their operating costs.

Doors will open at 8:30 a.m. for coffee and donuts and a visit to trade exhibits and equipment displays.

The conference is sponsored by Delmarva agribusiness industries and the Cooperative Extension Services of Delaware, Maryland and Virginia. Tickets to the traditional fried chicken lunch are available free from county Extension offices and local agribusiness representatives. Two door prizes of tools or equipment, worth approximately $250 each, will be awarded at the end of the program.

Air Force Band performs at Farm Show

HARRISBURG — The Pennsylvania Air National Guard 553rd Air Force Band will perform tomorrow at the 67th Annual Pennsylvania State Farm Show on Sunday, Jan. 9. The band's concert begins at noon in the main arena of the Farm Show Complex as part of the opening ceremonies for the show. The 553rd Air Force Band is regarded as one of the finest concert bands in the reserve military forces today. The 40-man band is the honored recipient of the National Guard Bureau's highest tribute, the "Eagle Award."

The band has had other honors as well. They were selected twice by the Air Forces in Europe to travel Germany and France to give concerts to local townspeople. For these concerts the band was given the National Guard Bureau's Meritorious Service Award. The band also has played concerts in the Netherlands and England.

The 553rd Air Force Band has toured across the state in recent years. Their musical repertoire from modern shows to stirring marches have brought lasting community relations from Pittsburgh to Philadelphia.

The 553rd Air Force Band is commanded and conducted by Major Jere W. Fridy, a 20-year member of the Pennsylvania Air National Guard. Major Fridy is a professional musician in civilian life, too, supervising the Octorara Area School District music department. In 1976, Major Fridy was honored by the First Chair of America Organization as "Distinguished Bandmaster of America" for his work with American youth in American high schools.

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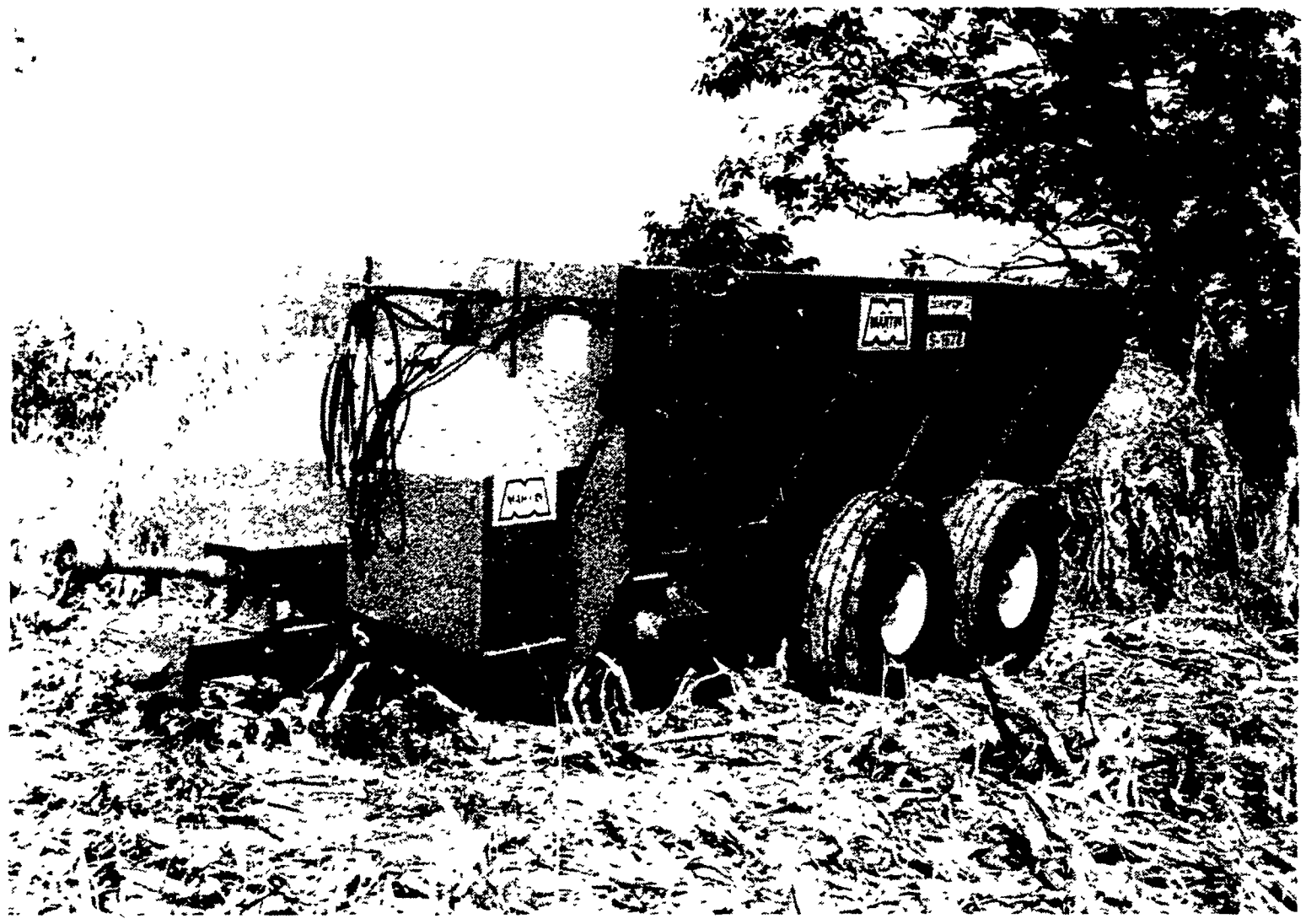

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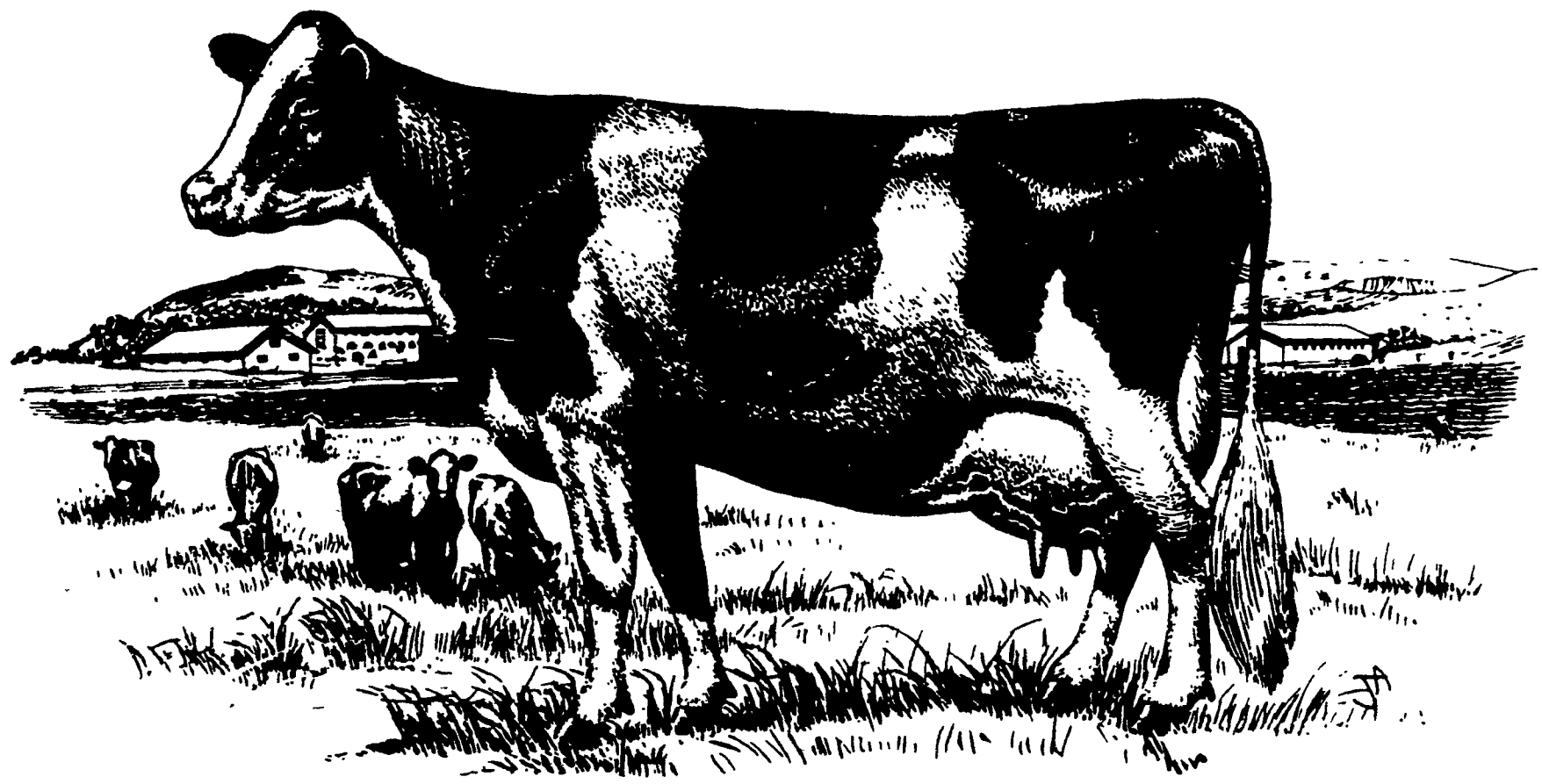

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Berks DHIA's lowest

Management key to Wolfskill's low SCC

By Robin Phillips

BERNVILLE — Good management plays a key role in farm survival. But, in 1983 will it be enough? This question is on the minds of many farmers these days, including the recent award winner for the lowest average somatic cell count in Berks County, Kenneth Wolfskill, R2 Bernville. With a somatic cell count average of 128,833 as compared to a county average of 432,000, a calving interval of 12 months, and a herd average of 18,422 pounds milk 3.7 percent, 674 pounds fat on 47 cows, Wolfskill's management practices, leave little to question this dairyman's ability to survive.

Located near New Schaefferstown, this tidy operation has been home to the Wolfskill Holstein herd for just three years. Prior to becoming a dairyman, Wolfskill was a successful blocklayer and also, for a period, milked Brown Swiss for another operation. Due to health problems, Wolfskill left these jobs and in 1979 began to pursue his dream of developing a top-notch dairy herd. Although he is critical of his own operation and admits that he is a long way from where he wants to be, in three years his management practices have made an impact.

In 1981, the rolling herd average on 42 cows was 17,933 pounds milk with 635 pounds fat. The Wolfskill registered and grade cows were ranked 37th in the county by fat. By 1982, the mostly-registered herd, now numbering 47, is currently ranked 9th in Berks County with 18,422 pounds milk and 674 pounds fat.

Wolfskill attributes much of this gain to the excellent somatic cell count program offered by Penn State's Dairy Herd Improvement Association. A firm believer in the program, Wolfskill states, "Mastitis robs you. It can steal from a farmer and he may never find it out." The money spent on culturing a cow and treating her with the correct antibiotic initially is money saved in preventing lowered milk production and avoiding extra dumped milk because a "guessed" treatment was unable to clear up the mastitis problem, he adds.

Since a Wolfskill priority is top production and profit over feed costs, monthly DHIA test sheets are scrutinized as Wolfskill goes over the somatic cell counts for each cow. He points out that he does not routinely treat cows with high codes when the DHIA sheets are returned, but uses the codes as a signal that a cow may be suffering a loss in production due to her elevated leucocyte count. Particular attention is then paid to this individual cow and, in most cases, a sample of milk for culturing will be taken.

Samples of milk from each quarter also are taken immediately from any cow showing flakes in her milk, inflammation in her udder, slower milk out, or any other suspicious signs, says Wolfskill. It is important to take samples from all four quarters of the cow in question since subclinical mastitis is not noticed and causes substantial loss of production, he explains. Wolfskill continues to explain the procedure, noting samples are taken to his veterinarian's lab where they are cultured. In 24 hours Wolfskill knows what antibiotic to use to kill the mastitis-causing organisms. The infected cow is treated for three milkings in a row.

Wolfskill states that this practice has worked to clear up clinical and subclinical mastitis in 90 percent of his herd's cases. At times, samples are taken from a cow in question and then frozen. If a flare up occurs, the samples are cultured and the correct drug is administered.

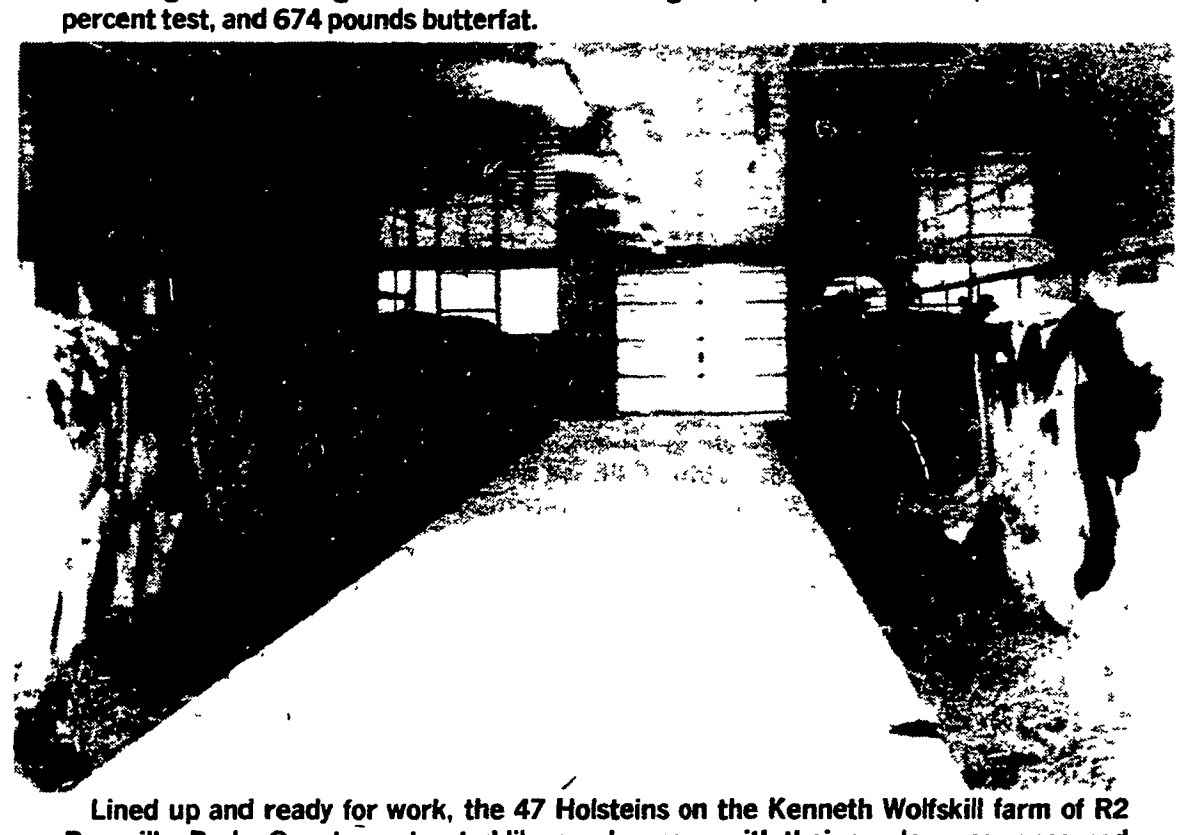
Wolfskill relates, "At times a cow drops in milk and many dairymen tend to reason that the weather was bad, or the cow was just in heat, or she was recently bred. When your DHIA report comes back and her somatic cell count is high, there is your signal of subclinical mastitis robbing you of your profits."

Since the new DHIA coding system was initiated, there is a direct relationship between code number and milk loss: 1.5 pounds per day milk loss for each increase in code number. The new system also enables the farmer to better monitor the cell count changes of cows at lower counts since the new system has 5 code numbers for all cows up to 283,000.

According to Wolfskill who is operating on a rented farm with 39 percent of his income going towards loan payments, attention to detail and anything that has a relation to the milk production of his herd is a necessity. Wolfskill says he has found that treating problem cows with a "staph" vaccine every two weeks for two

(Turn to Page E4)

Having only joined the ranks of the dairy community three years ago, Kenneth and Robin Wolfskill and their daughter Abby have earned the respect of their Berks County peers by having completed a DHIA record with the lowest somatic cell count in 1982. Their registered and grade Holstein herd averages 18,422 pounds milk, with a 3.7 percent test, and 674 pounds butterfat.



Lined up and ready for work, the 47 Holsteins on the Kenneth Wolfskill farm of R2 Bernville, Berks County are treated like employees — with their employer as concerned about "health benefits" and "absenteeism" hurting production as any other businessman. To help keep his herd's somatic cell count in check, Wolfskill pays special attention to udder treatment. A sealing teat dip helps to prevent leakage and opening at the teat end by coating the teat with a thick, latex barrier which helps keep bacteria out.

A converted pig pen serves as an ideal calf barn at the Wolfskill farm. Controlled ventilation, slatted floors and year-round temperatures of 40 F keep the future herd members growing well. Wolfskill stresses the convenience of no manure buildup, which also lessens disease risk.

One of the added features of Wolfskills remodeled barn is the individual hay racks placed strategically in front of the top milkers. The top cows can leisurely dine on free-choice hay.

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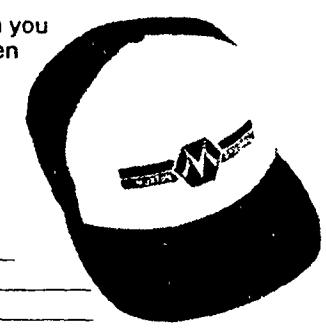

Wolfskill

(Continued from Page E2)

months also helps in his successful battle against mastitis.

Not a fan of over-the-counter drugs, Wolfskill relies on his veterinarian to supply him with mixtures of antibiotics to treat cows.

Three different teat dips are used on the Wolfskill herd according to udder condition. On his heavy milkers and those leaking milk, Guardian teat dip or Seal Tight dip, latex dips that form a seal on the teat end, are used. On the remainder of the herd, Wolfskill uses Nolvasan dip.

Cows are grouped in the stanchion barn according to production. Any cow showing signs of mastitis is milked last to prevent any spread of infection. Wolfskill uses Boumatic bucket milkers and religiously follows his schedule of milking at 5 a.m. and 5 p.m.

Another management practice which Wolfskill attributes to his success is to fully utilize your feed salesman and your veterinarian. "We're lucky in this area to have a feed salesman who is genuinely interested in your herd and knows what he is talking about," Wolfskill explains. "When I have a problem, one call, and he is out here that day."

Wolfskill feeds a 20 percent complete feed and top dresses with a 38 percent protein to cows milking over 70 pounds. Milking cows also are fed 35 pounds of corn silage, 15 pounds of haylage (stored in two stave silos) and 6 pounds of hay.

Wolfskill feeds his cows five times a day, stating that smaller feed amounts stay fresh longer and cows will eat better. Once a day all leftovers are swept up and fed to heifers. Fresh cows milking 90 pounds and better, are pampered with special hay racks made to fit in the front of the stanchions in which Wolfskill offers these high producers prime quality hay-free choice.

Stating that he does not "play vet," Wolfskill relies on his veterinarian for sound advice and in emergencies has service in less than an hour. Herdchecks are held every two weeks and recommendations carefully followed.

Cows are bred back at 45 days and the cut off point for service sires is +1600 milk predicted difference. Wolfskill picks his bulls from the top-50 TPI list of the breed and rates popularity of a sire first—looking forward to how marketable a heifer will be. Production is second in priority, but type and fat are not forgotten depending on the individual cow. The current service sires being used by Wolfskill include: Chairman, Spirit, Bell, Lance, and Mars.

In order to develop a fully registered herd, Wolfskill raises no heifers from his grade cows. If a dam of a newborn heifer does not meet his expectations, he does not raise any daughters from that cow but sells them immediately after birth.

Wolkskill, says his first-calf heifers to milk around 16,000 pounds on their first lactation. If any of his older cows drop to 16,000 to 17,000 pounds, they are given their first "notice" and are put on a "potential cull" list. If they have any other problems such as infertility, mastitis, etc., they are sold.

"I treat all my cows as my employees," Wolfskill states. "If they work hard for me, they get all the Christmas bonus they want; it not, they are fired."

One of the top cows in the herd is a third-generation "very good" daughter of Elevation. Purchased as a bred heifer at the annual Sire Power Sale, her credits include a 2-year-old record of more than 23,000 pounds milk and 800 pounds fat, and a 3-year-old record more than 25,000 pounds milk and 900 pounds fat. She is currently dry and due in February to Chairman. A top grade in the Wolfskill herd is currently projected to milk more than over 27,000 pounds.

Wolfskill credits wife Robin with doing much of the work and being just as conscientious about good herd health and management to achieve high production. Daughter Abby also is interested in the family "breadwinners" and the whole family looks forward to the time when she can start showing some of the Wolfskill stock in 4-H, at least another three years for the six year old to learn her parents' dairying skills.

Looking forward to 1983, Wolfskill has some excellent replacements coming up and continues to artificially inseminate all his heifers to top bulls.

When asked if management will make the difference between solvency or bankruptcy in 1983, Wolfskill says that management alone may not be enough. Paying attention to little details in operation, though, can often make a big difference and he will continue to use all the available aids to help his operation-his nutritionist, veterinarian, accountant, and his DHIA records.

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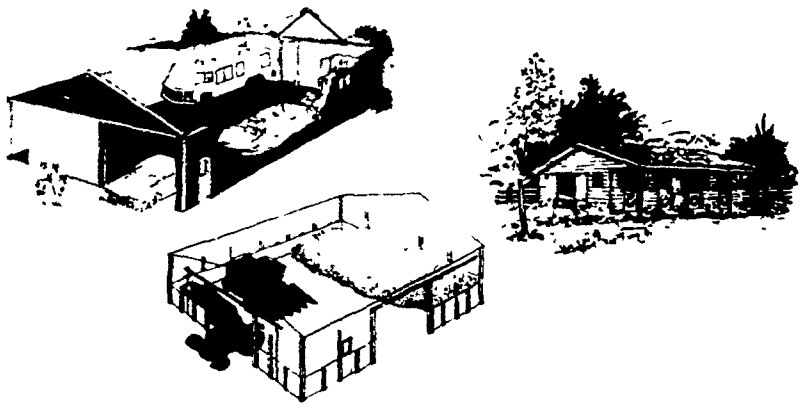

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Record number of commercial exhibitors arrive at Farm Show

HARRISBURG — Commercial exhibitors from across the state and as far away as Nebraska have arrived in Harrisburg for the 67th annual Pennsylvania State Farm Show.

State Agriculture Secretary Penrose Hallowell said, "We have a record 259 commercial exhibitors from 20 states gearing up an estimated $25 million in farm machinery and other various farm items for display. Visitors will all find something that appeals to them with so much to see."

The majority of commercial exhibitors have display booths set up in the large four-acre main exhibition hall. Much of the space is devoted to farm machinery but many other displays will be there. Dairy, poultry and barn equipment, commercial feeds, fertilizers, seeds, nursery stock and home appliances are also among the displays.

To make it easier for Farm Show visitors to find what they like, exhititors have been grouped together by category rather than spread out through the exhibit hall.

State commodity associations will be selling some of the finest Pennsylvania farm products, as visitors enjoy and learn the varied tastes of Pennsylvania. These booths and several other food booths sponsored by Harrisburg area churches can be found along the East Wall of the main building.

Hallowell said, "The Farm Show is the largest free agricultural exposition under one roof in the country. The show is dedicated to Pennsylvania agriculture and its advancement, and recognizes the outstanding achievements of farm families and agribusiness industries in Pennsylvania."

Penn Ag Democrats meet at Farm Show

HARRISBURG — James Goodman, Ertel campaign manager and former House member from Schuylkill County, will be the featured speaker at the Second Annual Meeting of the Penn Ag Democrats.

The meeting will take place Monday, Jan. 10, during Farm Show Week in the Farm Show Complex, Harrisburg, starting with a buffet luncheon at noon in Dining Room C.

Tickets for the meeting are available at $6.50 per person from the organization's vice chairman, Warren Lamm of R5, Box 371, Sinking Spring, PA 19608, 717-787-7063 during the day or 215-678-8326 in the evening.

The Penn Ag Democrats is a statewide political action committee recognized by the Pennsylvania Democratic State Committee. It is dedicated to working with the Democratic Party for the betterment of agriculture in Pennsylvania.

Free forage and grain analysis at Farm Show

HARRISBURG — Free analysis of forage and grain for nutrient content will be available to farmers during the Pennsylvania Farm Show.

The free analysis will demonstrate Penn State's "infrared spectro computer," the instrument that scans grains and forages within two minutes for nutrient content of protein and fiber, total digestible nutrients, and percentage of dry matter.

"Farmers should bring in two handfuls of whatever forage or grain they want analyzed," stated John S. Shenk, Penn State scientist heading up the computer testing and application.

He said the revolutionary new instrument, mounted in a mobile van. will be located in the horse-beef cattle barn of the Farm Show building.

The infrared instrument has been demonstrated at hay shows in Pennsylvania and elsewhere. It was developed by Shenk and associates at Penn State, and personnel at the Regional Pasture Research Laboratory of the U.S. Department of Agriculture at University Park.

Shenk said the ultimate value of this new technique is for farmers to use the results in making up nutritionally balanced rations. Efficient feed formulation, he noted, usually requires blending of hay or haylage, silage, brewers yeast, etc., into the most nutritious feedstuff. The computer in a van can help farmers decide on the best combination of feed ingredients, he added.

He indicated the infrared scanner will be available to a sample of farmers in 1983 for on-farm testing of the technology.

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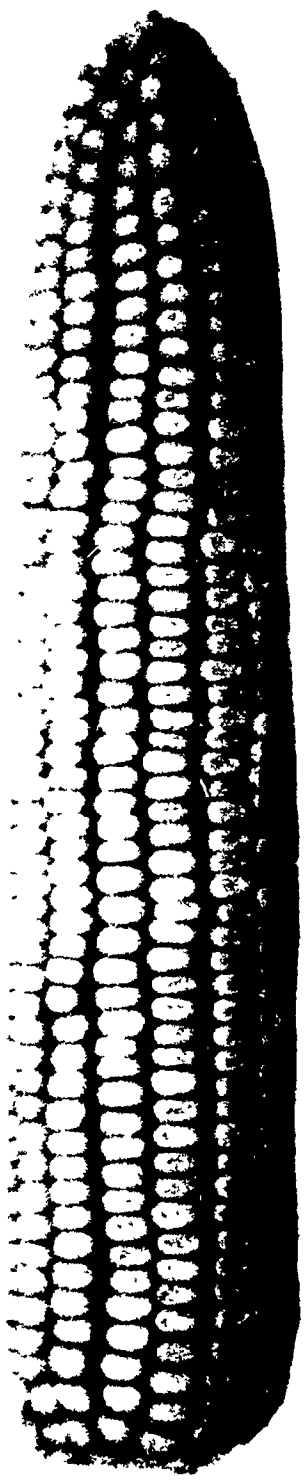

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Windbreaks planted across the direction of the prevailing winds can help to control drifting snow, protect crops, livestock, roads and buildings. Windbreaks also provide valuable wildlife food and cover.

Windbreaks may be single or multiple row design, depending on the amount of space available. The height of the windbreak determines the distrance of control on the leeward side. Effective control is usually obtained for a distance of 10 to 20 times the windbreak height. Single-row planting of trees or shrubs paralleling roads and driveways will confine snow drifting to fields.

A snow fence planting should be at least 100 feet from the roadway. Shading from trees planted too close to a road may create icy road surfaces throughout the winter.

Spacing of plants is important. Usually a spacing of 6 to 8 feet should be used between shrub rows and a spacing of 12-15 feet used between tree rows.

The usual tendency is to use close spacing to get early protection. However, if this is done, the extra plants must be removed in about five years to avoid overcrowding. Close spacing also results in more insect and disease problems and causes lower branches to die from lack of sunlight.

Spacing and the selection of tree and shrub species depends upon the individual site and purpose for windbreak. Landowners interested in more information may contact any Soil Conservation Service office.

Getting $380,000 exhibit ready requires early start

INTERCOURSE — Farm Show may come in January each year, but ask anyone, who shows, has an exhibit or sells something, when they get started.

They'll tell you it's a lot earlier.

Take the people at C.B. Hoober and Son, Inc. at Intercourse. With the largest equipment on display at the Farm Show, they get moving in earnest about Thanksgiving to get that equipment and exhibit in shape.

"Since we have the biggest equipment there, we must get started earlier to have it in shape and then get it in place," explains Tom Yoe, of the Hoober sales staff.

"This year, we had to go to Michigan to get the Steiger Bearcat we'll have on display."

And to illustrate the scope of the overall value of the commercial exhibits, just consider the Hoober display alone.

"This year, we'll have about $380,000 worth of major pieces of equipment in our exhibit," says Charles Hoober Jr.

"We'll have equipment both inside and outside – tractors, loaders, tillage and harvesting."

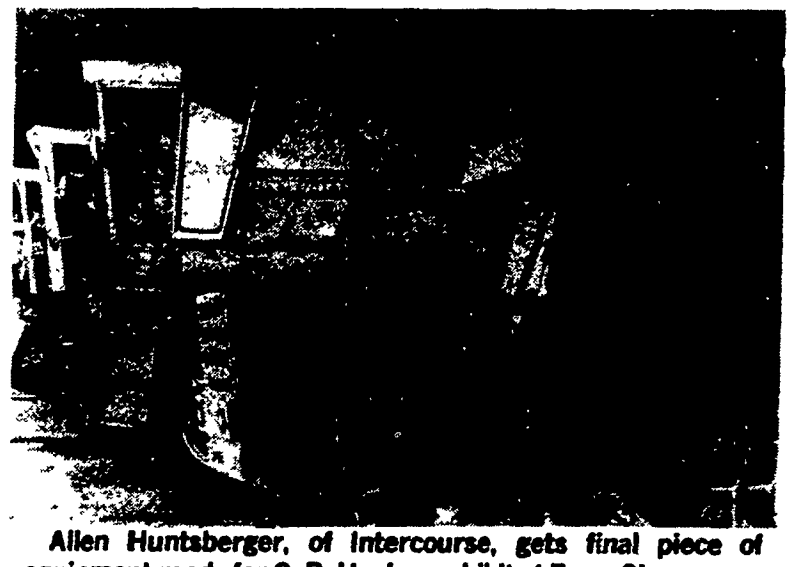
Among the major pieces of equipment at the Hoober exhibit will be the Steiger Bearcat and three models of International Harvester tractors, including the 3688, 5088 and 5488, which range from 115 to 185 horsepower.

There'll also be an IH 1460 axial flow combine, Krause disk, Versatile 160 loader and others.

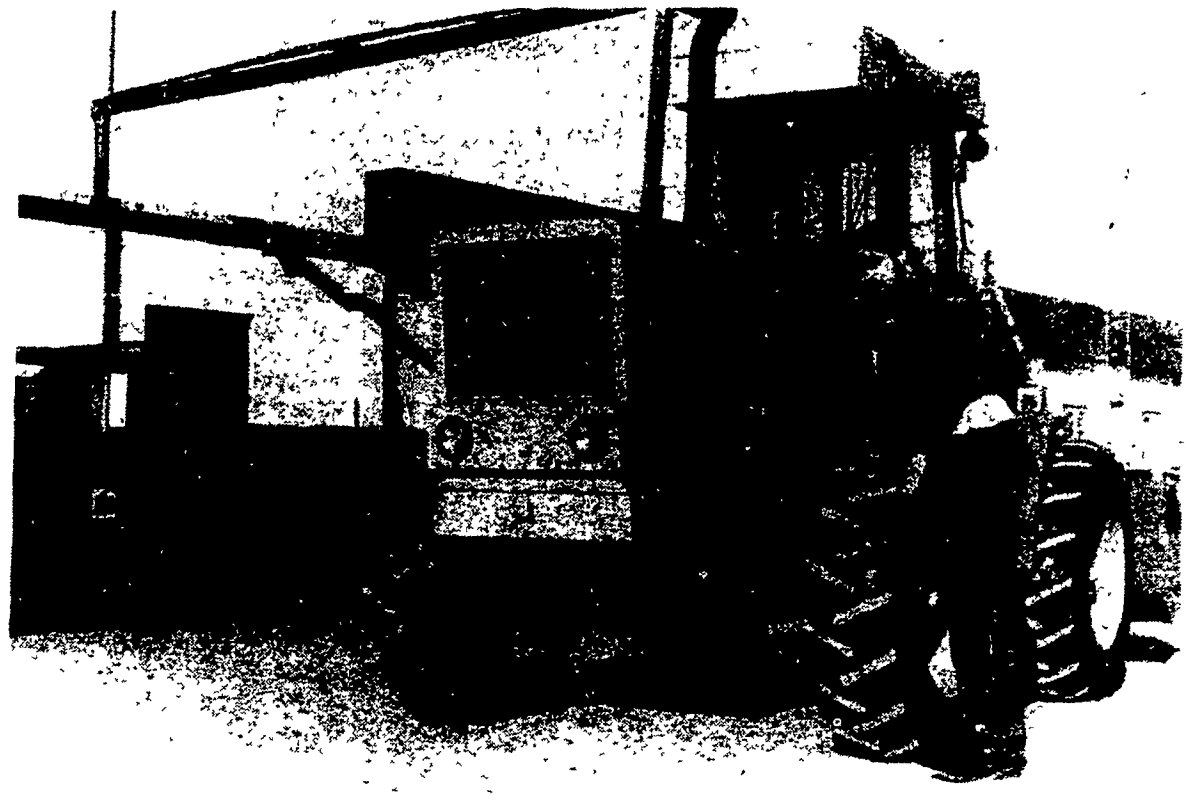
All of this equipment has to be put in show room shape, touched up where necessary and then transported to Harrisburg. And, of course, there's getting the right models, which can involve truck trips across half the country.

The Hoober display is close to the IH exhibit, which ties the manufacturer to its largest dealer along the East Coast.

All of this preparation is now completed. And Farm Show is just beginning.



Allen Huntsberger, of Intercourse, gets final piece of equipment ready for C. B. Hoober exhibit at Farm Show.



Farm Business News

The new Model 316 heavy-duty baler from Sperry New Holland is available in twine or wire tie versions.

Sperry New Holland improves 14x18 baler

NEW HOLLAND — A new baler from Sperry New Holland, the Model 316, combines very large capacity with good bale shape and reliability. The tongue, gearbox, plunger and power take off drive line have all been strengthened to assure extra durability.

This new baler has the capacity characteristics usually only found on larger units, says Product Manager Dennis Raaen.He points out the additional capacity begins at the 132-tooth Super-Sweep pickup. Large feeder opening and Flow Action feeding system move the extra material to the bale case.

The new baler is available in either twine or wire-tie and can be equipped with either belt type or hydraulic bale thrower.

The new baler is exceptionally well adapted for use with automatic bale wagons, according to Raaen, because it offers the density and uniform bale shape characteristics essential for trouble-free automatic handling.

DeKalb-Pfizer post to Eugene G. Hoover

DEKALB, Ill. — Eugene G. Hoover of Lititz, has been named District Sales Manager for DeKalb-Pfizer Genetics, according to Jerry Conner, vice president and national sales manager.

DeKalb-Pfizer Genetics is the new seed production and marketing firm formed by the recent partnership agreement between DeKalb AgResearch, Inc., and Pfizer Genetics.

Based in DeKalb, Ill., DeKalb-Pfizer Genetics is the largest seed research and marketing organization in the world, marketing hybrids of corn, sorghum and sunflower seeds, and varieties of proprietary soybean and alfalfa seeds in more than 40 countries.

Sire Power research director

TUNKHANNOCK — Dr. Richard W. Lenz, Manitowoc, Wisc., has been named to the staff position of Director of Production and Research for Sire Power, according to DuWayne A. Kutz, General Manager.

Dr. Lenz brings to his new position outstanding technical education, A.I. experience, and proven qualifications.

As Director of Production and Research, Dr. Lenz will supervise all phases of Sire Power's semen production and semen utilization. He will direct and evaluate research in semen processing and handling, as well as semen storage, technician insemination techniques, and reproduction problems.

Previously, Dr. Lenz was with the University of Wisconsin, Dairy Science Department, as a post-doctoral fellow since January, 1981. In 1981, he taught a "short course" on Reproduction of Farm Animals, and in the spring of 1982, taught Reproductive Physiology and Advanced Reproductive Physiology. Prior to these teaching

Richard W. Lenz

appointments, during 1974-78, he held a teaching assistantship in a course on Reproductive Physiology and Artificial Insemination of Farm Animals.

Dr. Lenz, a native of Wisconsin, earned his B.S. degree in Animal Science at the University of Wisconsin-Platteville, and M.S. and Ph.D. degrees at the University of Illinois-Urbana-Champaign in Reproductive Physiology. Prior to arriving in Wisconsin, Dr. Lenz spent three years at the University of Georgia-Athens studing biochemical events occuring during sperm acrosome reaction and penetration of the egg. Dr. Lenz's work at Wisconsin involved preparation of sperm associated with fertilization and worked cooperatively designing a test-tube fertilization procedure for dairy cattle.

Dr. Lenz is active in professional organizations such as The Society for the Study of Reproduction. He is recognized in Who's Who Among Students in American Universities and Colleges, and is also a member of Phi Eta Sigma. Additionally, he is Alumni Secretary of Alpha Gamma Rho at the University of Wisconsin-Platteville. Lenz has written and co-authored several articles for dairy journals and A.I. publications.

Lenz and his wife, Marsha, will relocate to Tunkhannock.

Farm computer show starts Feb. 1

LANCASTER — A Farm Computerization Symposium and Trade Show will be conducted by Extension agents of South-central Pennsylvania. On Feb. 1, the event will be held at the Lancaster Farm and Home Center; on Feb. 2, it will be held at the Embers Restaurant, Carlisle.

Pre-registration is encouraged. A copy of the program and a registration form can be obtained from any Extension Service office in South-central Pennsylvania.

Registrationbegins at 9 a.m. both days. Two half-day programs will be presented each day. The afternoon program will be identical to the morning program. Topics to be discussed are: "What Computers Can Do For You," "Factors To Consider When Buying Computers and Computer Software," "Understanding Computers and Computer Terminology," and "My Experiences With Microcomputers."

A buffet lunch will be available.

A trade show will be conducted concurrent with the symposium. This will provide farmers an opportunity to become more familiar with some local vendors of computers, computer software and computer services. The exhibits will also include electronic feeders and similar equipment.

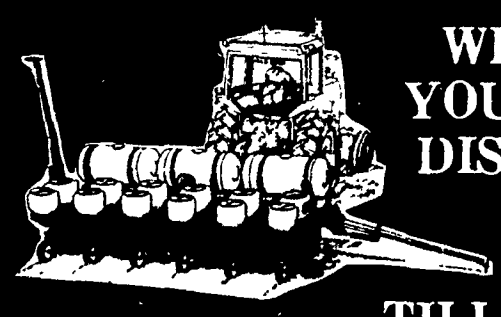
"Farmers are expressing a lot of interest in computers for use on their farms and for use by their families," says County Agent Glenn Shirk. "This symposium is designed to help farmers decide if they should own their own computers. It is also designed to help farmers who are interested to become more informed as a shopper and to make them more familiar with the products and services available."

Auctioneers compete at Farm Show

HARRISBURG — The small arena in the farm show complex will be the scene of the fourth annual bid-calling contest, sponsored by the Pennsylvania Auctioneers Association.

On Thursday Jan. 13, beginning at 6 p.m., auctioneers from across the Commonwealth will compete for the first-place title.

Members of the Pennsylvania Auctioneers Association will at the same time be kicking off their yearly convention to be held at the Host Inn, with a "fun auction" on Friday Jan. 14 at 7:30 p.m.



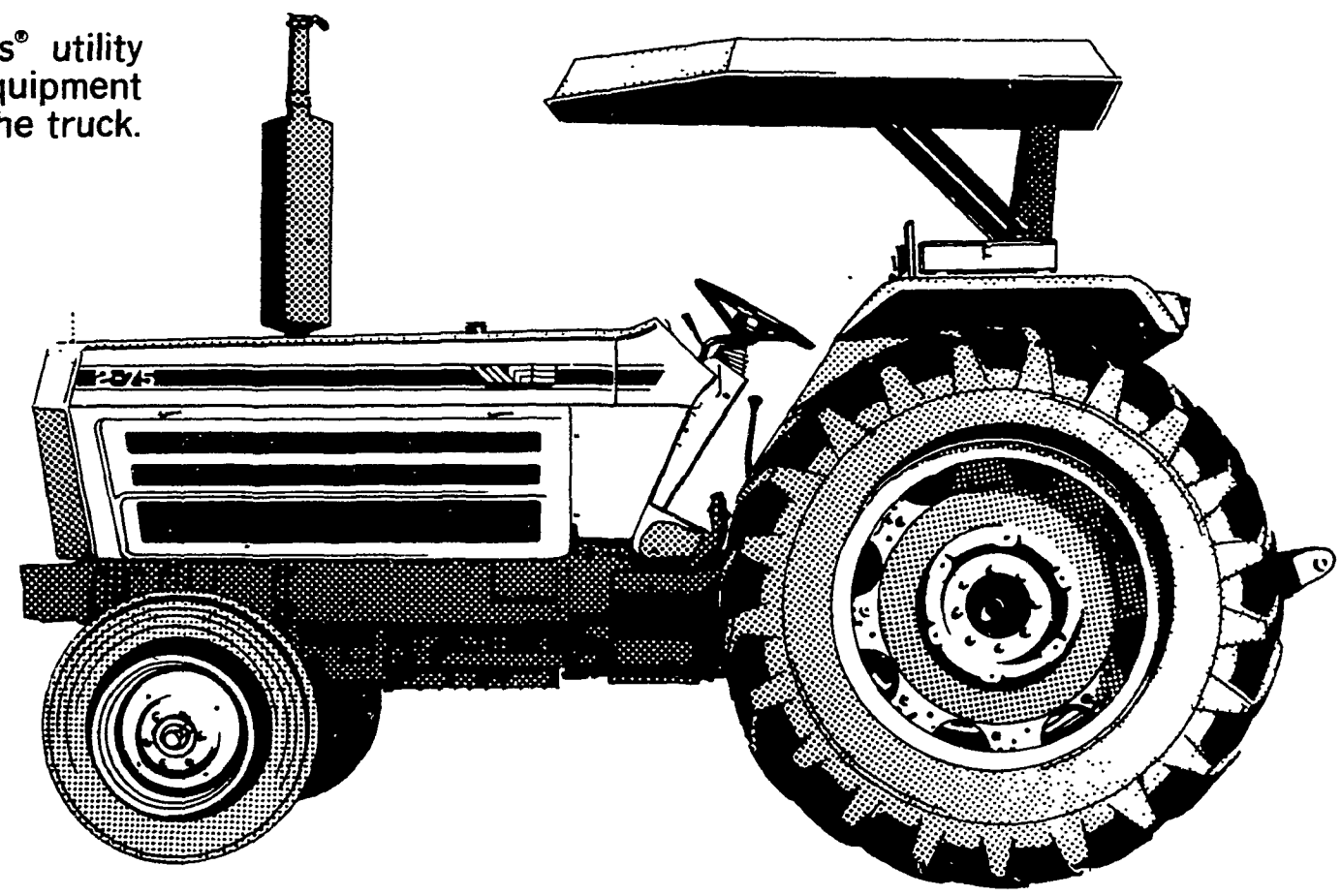
WHITE FARM EQUIPMENT CORDIALLY INVITES YOU TO STOP IN AND VISIT US AT OUR DISPLAY AT THE PA. FARM SHOW, SPACE #32, TO SEE OUR FINE LINE OF TRACTORS, TILLAGE EQUIPMENT AND PLANTERS.

We Just Got In A Utility Tractor You'll Have To See To Believe!

It's the new 2-75 Field Boss® utility tractor from White Farm Equipment Company and it's fresh off the truck. This tractor is put together with the precision of a classic automobile. Yet it works like a bigger field tractor.

Power to spare. The engine on this tractor is a beautiful 75* hp, direct-fuel-injected six cylinder diesel. Teamed with the big-tractor power train and hydraulics, it makes the 2-75 more tractor than most utilities could ever be.

More standard features. What some other manufacturers call options come standard on the 2-75. Synchromesh transmission. Both 540 and 1000 rpm PTO. Two batteries for more starting power. Adjustable lower links on the 3-pt. hitch. And more!



This tractor is so packed with standard work-saving features, we don't have room to list them all. So come on in and count 'em for yourself!

Whatever you use a utility tractor to do, you'll like doing it better on the new 2-75. It's built like a fine automobile — works like a bigger field tractor.

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Deutz introduces new baler to North American market

ATLANTA, Ga. — A large-capacity, highly-engineered baler, the Deutz-Fahr HD 460, has been introduced to the North American market by the Agricultural Equipment Division of Deutz Corporation, Atlanta, Ga.

The new HD 460 baler expands the Deutz-Fahr hay tool line of mowers, rakes and tedders available in this market. Deutz-Fahr, Europe's number one brand in hay equipment and tractors, has a line of more than 30 hay tools, about a third of which are now available through some 325 dealers in 30 midwest and eastern U.S. states and Canada.

The Deutz-Fahr HD 460 baler builds hefty, high-density bales and delivers high-capacity output. The bales are a standard 14 by 18 inches and can be varied in length from 12 to 51 inches. The HD 460 is 14½ feet long and about 8 feet wide (about 9 feet with axle extension) and weighs about 3,200 pounds; tractors of 45 hp or more are recommended for efficient operation.

The wide pickup (71 inches) features closely spaced tines on a four-bar reel that gently and cleanly gathers in swaths of all types through a 269-sq.-in. throat opening. A gauge wheel, with pneumatic tire, assures desired ground clearance, even over rough terrain. An intake rake, which can be swung forward by releasing a quick-action locking device, improves intake of hay and easily clears stoppage in the pickup flow. An unique pickup cover plate also helps assure positive flow.

The heavy-duty cross-auger operates in floating bearings and gives a high degree of initial compression, as well as continous delivery of crop to the baling chamber. This assures more weight per plunger stroke in the automatic feeding mechanism, which operates a 97 strokes per minute. The plunger works quietly, smoothly and accurately on 10 roller bearings that minimize wear. It packs the hay into high-density bales in the extra long baling chamber, where bale length is infinitely adjustable without tools. Instead of ordinary plunger-stop mechanisms, which are often unreliable, a double-acting drive shaft clutch protects the needles. Toothed rails in the baling chamber form grooves in which the twine is protected and prevented from slipping free.

The HD 460's power system is generously protected with slip clutches – including two on the 3-joint drive line, and on the main drive and pickup drive. A total of eight safety features are built into this new baler. the main gearbox features large hypoid gears.

The right wheel of the HD 460 is tucked behind the pickup for maximum clearance and automatically locks with the hydraulic drawbar locking mechanism, so changing from work to transport position can be done without leaving the tractor seat. Pickup lift is also hydraulic.

Optional equipment for the HD 460 includes a loading chute, bale thrower, wire-tying mechanism, straw retaining plate, hydraulic flow-divider distributor, and adjustable trailer hitch.

Bale tying is done by a toggle-type automatic mechanism with no wearing parts, with a knife that can be used on both sides for longer life. Twine capacity is 8 bales, either sisal or plastic. Knotters can handle either type of twine without adjustment.

More information about the Deutz-Fahr hay equipment line is available from Deutz Corporation, Agricultural Equipment Division, 7585 Ponce de Leon Circle, Atlanta, Ga. 30340

The Deutz-Fahr HD 460 baler builds hefty, high-density bales

GRASSHOPPER
THE MOWER THAT MAKES OTHER MOWERS OBSOLETE

Purchase A 12 H.P. GRASSHOPPER
And Receive A 44" Mower
FREE

PLUS
A SNOW PLOW AT HALF PRICE

HURRY HURRY
And Beat That Big Snow!
Buy the machine that can maneuver in tight corners and on side walks.
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OFFER GOOD ON 12 H.P. MODEL ONLY, EXPIRES JANUARY 29, 1983

Other Models Up To 18 H.P. Including NEW DIESEL

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- Excellent yield potential
- Protects against other problem diseases and insects
- Rapid recovery after cutting
- Good winter hardiness and drought recovery

NEW
ARMOR

- High Phytophthora resistance
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- Very high yield ability
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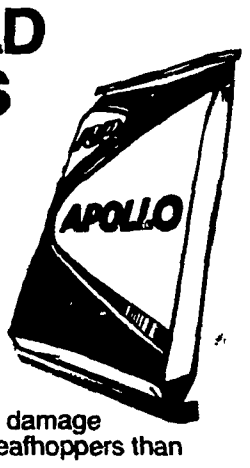
HIGH YIELD ALFALFAS



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variety alfalfa resists Phytophthora root rot (wet foot disease); greater yield potential, less damage from wilt, pea aphids and leafhoppers than other major varieties.

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Devereux Angus travel to Puerto Rico

GLENMOORE — Devereux-Soleil Farms, located in Glenmore and part of the Devereux Foundation's 17 campuses in Pennsylvania, recently exported 10 heifers and 2 bulls to Ernesto Juan, a rancher in Baymon, Puerto Rico. Juan will use the animals to build a purebred registered Angus herd in his country.

Devereux Soleil Farms has been producing Angus cattle for forty years and is managed by Conrad L. Grove. Devereux-Soleil maintains a herd of Angus brood cows for production of purebred breeding stock, as well as beef.

The Devereux Foundation, established to Devon, Pennsylvania in 1912, serves children and adults with emotional and mental handicaps in eight states nationwide. Soleil Farms provides an agricultural program where troubled youth can learn the fundamentals of farming and work in the different areas of a farm operation under staff guidance.

RED WING

ASK THE MAN WHO WEARS THEM

FARMERS' FRIEND BARN BOOT

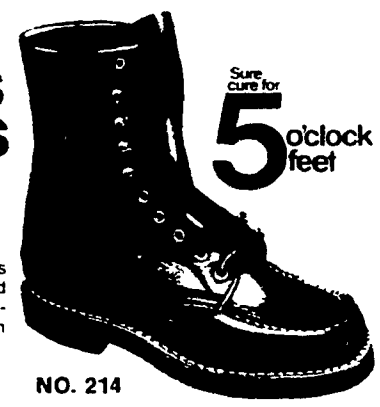
For active farmers. Rugged barnyard acid resistant uppers for extra-long wear on hardworking feet. Come try on a pair.

NO. 565

Width	A	B	C	D	E	EE	EEEE
Size	10-14	8-15	7½-14	6-16	6½-13	6½-13	6½-13

CARPENTERS and BUILDERS ALL-AROUND FAVORITE!

This handsome 8 moccasin toe model has been a popular favorite for years! Oil-tanned Brown Chrome uppers, rolled top band, combined with crafted-in comfort. Super-tough Neoprene soles for action wear, too!



Sure cure for 5 o'clock feet

NO. 214

FOR THE FOOT HARD TO FIT!

Width AA	A	B	C	D	E	EE	EEEE
Size 10-15	9-14	7½-16	6½-14	5-16	6-14	6-14	7-13

VISA

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HOURS: Daily 8:30 A.M. to 5:00 P.M., Friday to 9:00 P.M.

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Wayne Co. plans Farm Show trip

HONESDALE — Wayne countians can plan for a day of fun and excitement Tuesday, Jan. 11, 1983 when the local Extension Service sponsors a bus to the Pa. Farm Show.

The bus will leave the Wayne County Court House at 8 a.m. and Harrisburg at 6 p.m., returning to Honesdale around 9 p.m.

The cost for the round-trip bus fare is $12. Reservation deadline is Jan. 4.

Make checks payable to the Wayne County Extension Service. There are no refunds unless there is an alternate. Phone number is 717/253-5970 ext. 114.

SADDLE UP!

TO BETTER EQUIPMENT

Find It in Lancaster Farming's Classified Pages.

Fertilizer Institute meets next month

WASHINGTON, D.C. — A noted U.S. Senator, a farm credit authority, a farm equipment economist, and a fertilizer industry leader will highlight the speakers' program at the 1983 Annual Meeting of The Fertilizer Institute, Feb. 13-15, in Atlanta, Ga.

Sen. Sam Nunn (D-Ga.), ranking minority member of the Senate's Small Business and Government Affairs committees, will open the speaking portion of the three-day meeting on Monday afternoon, Feb. 14. He is expected to comment on the current economic situation as it affects agriculture and suppliers of farm production inputs.

The Senate leader's remarks will be followed by reports on the status of the fertilizer industry and its national association by Institute Board Chairman Judson H. Drewry, fertilizer group president, International Minerals & Chemical Corp., and by TFI President Edwin M. Wheeler.

Tuesday, Feb. 15, features a full morning's seminar of topics especially focused on fertilizer retailer concerns.

On Tuesday afternoon, speakers will discuss farm credit and agricultural outlook. C. T. Fredrickson, senior deputy governor, Farm Credit Administration, will present a situation report on credit for 1983 farm operations. An analysis of the year's market for farm inputs, such as equipment and fertilizers, will be presented by Dean F. McKee, a director, market economics, Deere & Co. Rolf H. Holzkaemper, president, Potash Corp. of Saskatchewan Transport, Ltd., will outline the changing patterns of potash distribution. The meeting's general sessions are open to non-members as well as Institute members.

In addition, during the Monday afternoon session, Institute members will elect 13 individuals to a three-year term on TFI's 39-member board. The newly-constituted board, subsequently, will elect its executive committee, chairman and vice chairman for the 1983-84 year.

Private exporters report export sales to USSR

WASHINGTON, D.C. — Private exporters have reported to the U.S. Department of Agriculture the following export sales:

— 50,000 metric tons in new sales and 150,000 tons in changes in destination from "unknown" of hard red winter wheat for delivery to the USSR during the 1982-83 marketing year, the seventh year of the long term grain supply agreement.

The marketing year for wheat ends May 31, 1983.

Sales for delivery during the seventh agreement year, which began Oct. 1, 1982, and ends Sept. 30, 1983, now total 5,174,500 tons, of which 2,175,000 is wheat, and 2,999,000 is corn.

Purchases under the sixth agreement year, which ended Sept. 30, totaled 13,869,500 tons: 6,096,900 tons of wheat and 7,772,600 tons of corn.

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LET OUR TRAINED STAFF HELP YOU WITH YOUR NEEDS

Build now with Wheeling Channeldrain® to reap a bumper crop of savings.

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- Tough, pre-painted galvanized steel lowers maintenance, protects your investment.
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- Easy to follow blueprints

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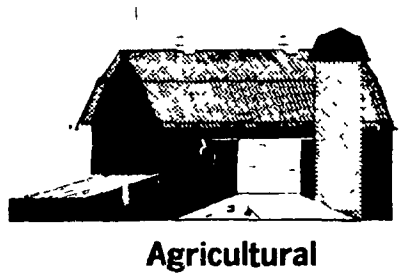

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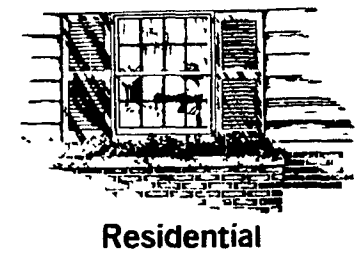

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These are just a small part of the variety of cookies offered at The Cookie Corner in Lebanon. Bill Trautman shows off the trays as they are ready to go in the display case. Fresh cookies like these can be purchased by Farm Show visitors at the Pennsylvania Food Marketplace on the lower concourse.

Chocolate chips bound to be Farm Show favorite

LEBANON — The one food that Governor Dick Thornburgh was enticed to eat as he previewed the Pennsylvania Food Marketplace at the Farm Show last year was a jumbo chocolate chip cookie. It's no wonder, of course. Is there anyone who can resist the lure of a huge, soft, chewy freshly-baked chocolate chip cookie?

This particular cookie is a staple of The Cookie Corner, a Lebanon County concern based at the Lebanon Valley Mall which will be on hand again this year to delight hungry Farm Show visitors with the taste of fresh, delicious cookies.

Bill Trautman, who operates this limited partnership, says he decided to go to Farm Show because they are part of the Department of Agriculture's "We're Growing Better" program. "We use predominantly Pennsylvania products," he explains. "Last year we were taking a chance, but we did well and this year I feel we'll do a much better job."

Although many people feel the Farm Show is the ultimate in terms of numbers of people, Trautman realistically says that the combination of cold weather, snow and ice can cut back on attendance.

For the Farm Show the cookies will be mixed from scratch and freshly baked early in the morning to meet a 7 a.m. delivery to the Show. Jumbo cookies will be sold for $.50 a piece or six for $2.50. The Cookie Corner exhibit will feature their sign which emphasizes, "Our cookies are soft and chewy."

Trautman noted something that will come as no surprise to a cookie lover: "Chocolate chip cookies outsell every other kind of cookie seven to one." Needless to say, they'll have plenty of chocolate chip cookies on hand to feed the Farm Show crowd.

Chocolate chips, in fact, are one of their largest Pennsylvania-produced ingredients. They use plenty, with five pounds of chips to 20 pounds of batter. They are all Hershey's chips. Trautman also uses Victor Weaver's processed egg product, another Pennsylvania item.

The Cookie Corner opened at the Lebanon Valley Mall in 1980, and in retrospect Trautman acknowledges, "It was a rough time to get into business because of the economic stress." Nevertheless the business has grown and expanded, and now has two additional locations — The Cookie Corner Cart at the Lebanon Plaza and a full line Cookie Corner Bakery at Sunset Farmers Market. Trautman's wife Dianne manages the day-to-day operation of the three locations, going wherever she is needed.

"We are continually baking," Trautman says, and, indeed, as you walk into the nearby Mall entrance the smell of freshly baked cookies is enough to make you forget your shopping and stop in for a cup of coffee or glass of milk and cookies.

How did Trautman and his partners settle on cookies as the business to invest in? Trautman says, "Being in the food industry we took a look at what was moving. The cookie was coming on and it was projected to be the major food coming on in competition with the fast food places."

Trautman, incidentally, is assistant general manager at Hershey Lodge and is responsible for their food and beverage service. Therefore he reads many trade publications and keeps up to date on the food industry.

After they got the business "up and on line" the partners wrote to Entrepreneur magazine to get a copy of the book which tells how to

(Turn to Page E14)

Nibble Pa.'s best

By Sally Bair
Staff Correspondent

HARRISBURG — To many people Farm Show means food, and the Pennsylvania Department of Agriculture is doing its best to make sure that Farm Show visitors have ample opportunity to sample lots of Pennsylvania products.

For the third year, the Department of Agricultgure is featuring a Pennsylvania Food Marketplace with Pennsylvania products offered both as samples and for sale.

According to Barbara Costanzo, logo program coordinator for the Department, there will be 22 firms at the marketplace, all participants in the Department's "We're Growing Better" program. She says, "It has gained in popularity and this year there is a waiting list of firms wishing to participate. It was Secretary (Penrose) Hallowell's idea. He wanted to involve firms with the Farm Show who want to promote their Products."

The exhibitors will be located on the lower concourse, just outside the home eonomics exhibit area.

Costanzo points out, "It is a generosity sort of thing. The producers hope that people will taste their products, enjoy them and remember them when they get to the supermarket. Visitors seem to enjoy the opportunity to sample the products as they are walking around and like to have the chance to take items along home with them. We feel it benefits both the consumer and the firm."

Be sure and stop for tasting and for buying.

Never tasted Lebanon bologna? Baloney!

PALMYRA — If you're from central Pennsylvania, it's probably hard to believe that there could be anyone who hasn't heard of Lebanon bologna. But according to Roger Carpenter, sales manager for Seltzer's Lebanon Bologna of Palmyra, it's true.

Carpenter's big dream is to have Lebanon bologna become a household word in every home in the country, and he is beginning by educating Pennsylvania Farm Show visitors to the local taste treat.

"The main reason we're going to Farm Show is that it is the biggest show in the state of Pennsylvania and the younger generation attends it very well. We want to get our products to the young generation and familiarize them with it," Carpenter explains. "There are other Lebanon bolognas, but none which is the original, like Seltzer's."

He adds, "We do ours the old-fashioned way. The original way is the best way."

Seltzer's began as a family business in the home and has expanded to the point of shipping to 38 different states and producing five million pounds of bologna a year. That's a lot of bologna! Himself a native of Lebanon County, Carpenter has been with Seltzer's for 26 years.

Seltzer's product is 100% beef, and is cured, never cooked, according to Carpenter. The product begins with 90 percent lean cow meat, using the forequarter. This meat is ground and has salt and spices added to it in 320 pound batches in the Lebanon plant. It is divided into 80 pound tubs and the curing process begins.

The tubs are taken to the Palmyra plant and the meat goes through another grinder, making it finer. It is transferred to a stuffer which takes the air out and stuffs it into a fibrous casing. At this point it is made into any of the various sizes offered by Seltzer's, including a 26-pound bologna which measures 7½ inches by 52 inches. this size is used for slicing.

The bolognas then go to "old-time smoke houses," each of which hold 1,600 pieces and two of these are filled daily. A fire is made in the pit, using any kind of hard wood. An iron plate is placed over the pit, covered with dampened sawdust and the result is a low, cool smoke of about 95 F.

The weather plays an important part in marking the bologna. Depending upon the temperature and weather conditions, the bolognas will smoke for three or four days before being finished. The weather in this area is what contributes to making old-fashioned, genuine Lebanon bologna, according to Carpenter.

The curing process takes from 14-18 days from start to finish. The plant usually has 100,000 pounds of meat in the Lebanon plant, 100,000 pounds in cure, and 100,000 pounds in production with an inventory of about 70,000 pounds.

Seltzer's uses wholesalers and distributors for the bulk of their marketing. They also do some private labeling of their product. They have a mail order business, which increases tremendously at holiday time. They ship as far as the West Coast, and have a large business sending to people in the armed forces.

It is possible to purchase the Lebanon bologna right at the Palmyra plant, although Carpenter says, "We're not in the retail business." They don't want to compete with local stores which carry their product, but he says founder Harvey Seltzer started the business for local people, and it was carried on by son Jack. This business has grown tremendously, Carpenter says, "The week before Christmas we had two people who did nothing but sell."

There is no one large enough locally to provide the large quantities of beef needed for producing the Lebanon bologna, therefore some is purchased in New Jersey, some in Scranton and a large part in Wisconsin, being shipped under controlled standards to the Lebanon plant. The production employs about 75 people.

Carpenter points out, "Quality control plays a very important

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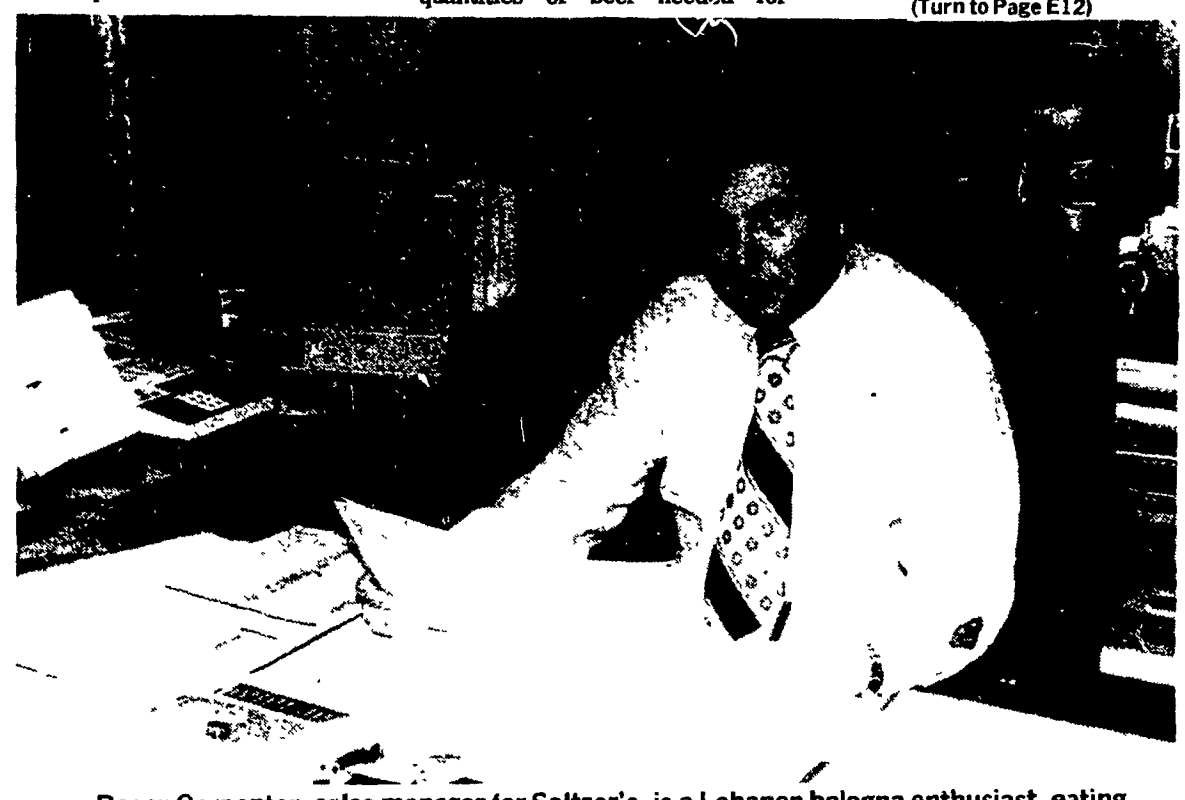

Roger Carpenter, sales manager for Seltzer's, is a Lebanon bologna enthusiast, eating some of the product he is responsible for every day. He says he would like every home to be familiar with Lebanon bologna and is looking forward to introducing it to many visitors at the Farm Show.

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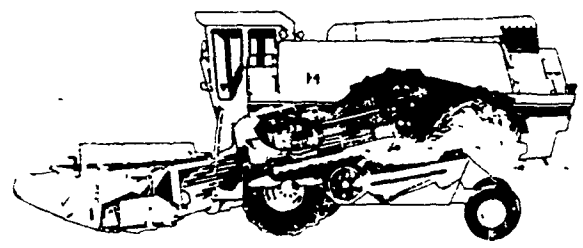

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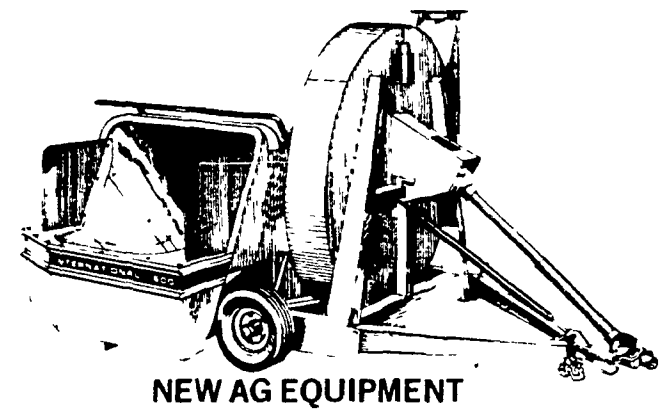

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Lebanon bologna

(Continued from Page E10)

part in making our bologna." He maintains that people get what they pay for, and although Lebanon bologna is no longer a cheap staple of homes, it is a high quality, all meat product.

he recalls a time when his mother, and most homemakers, would purchase two pounds of bologna at a time. Now regretfully, he says, many purchase just ¼ pound. He would like to change that, and says, "We are getting the message out."

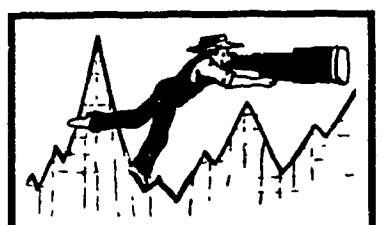
Carpenter says he never tires of Lebanon bologna, often eating it as he goes through the plant. "I eat Lebanon bologna every day. I like it every way." He admitted that a special favorite of his is Lebanon bologna with cream cheese wrapped in it. The company produces a sheet which shows many attractive appetizer recipes using the product.

He concludes, "We make a quality product at a fair price and give good service. We need good people to make sure it's the best we can produce."

Carpenter says he hopes to spend a lot of time at the booth at the Marketplace at Farm Show, and adds he is not concerned about how many pounds it takes to give samples to the hungry hordes. "Our main objective is to be seen and to have people sample our product."

If you have never sampled Lebanon bologna, here's your chance. Look up Seltzer's in the Marketplace, have a sample, and if you like what you taste you can load up a supply to take home. Bulk bologna is long lasting, and is easy to transport.

Cindy Wealer, left, and Barbara Meyers hold two 26-pound bolognas which will be used for slicing. Seltzer's will be distributing samples and selling their products at the Pennsylvania Food Marketplace at the Farm Show.



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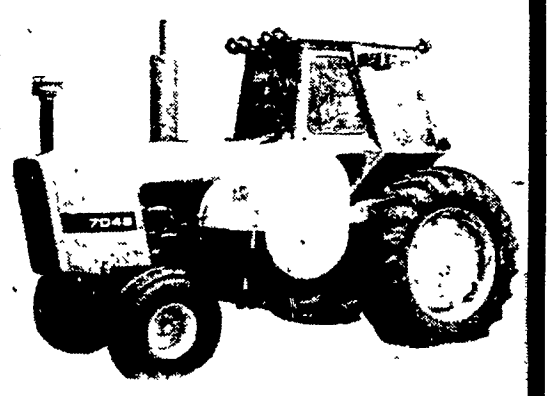

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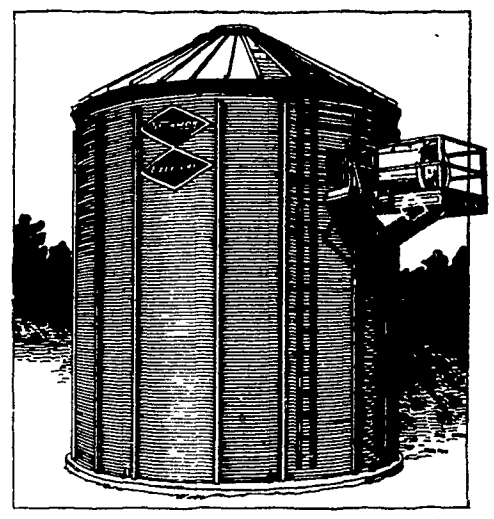

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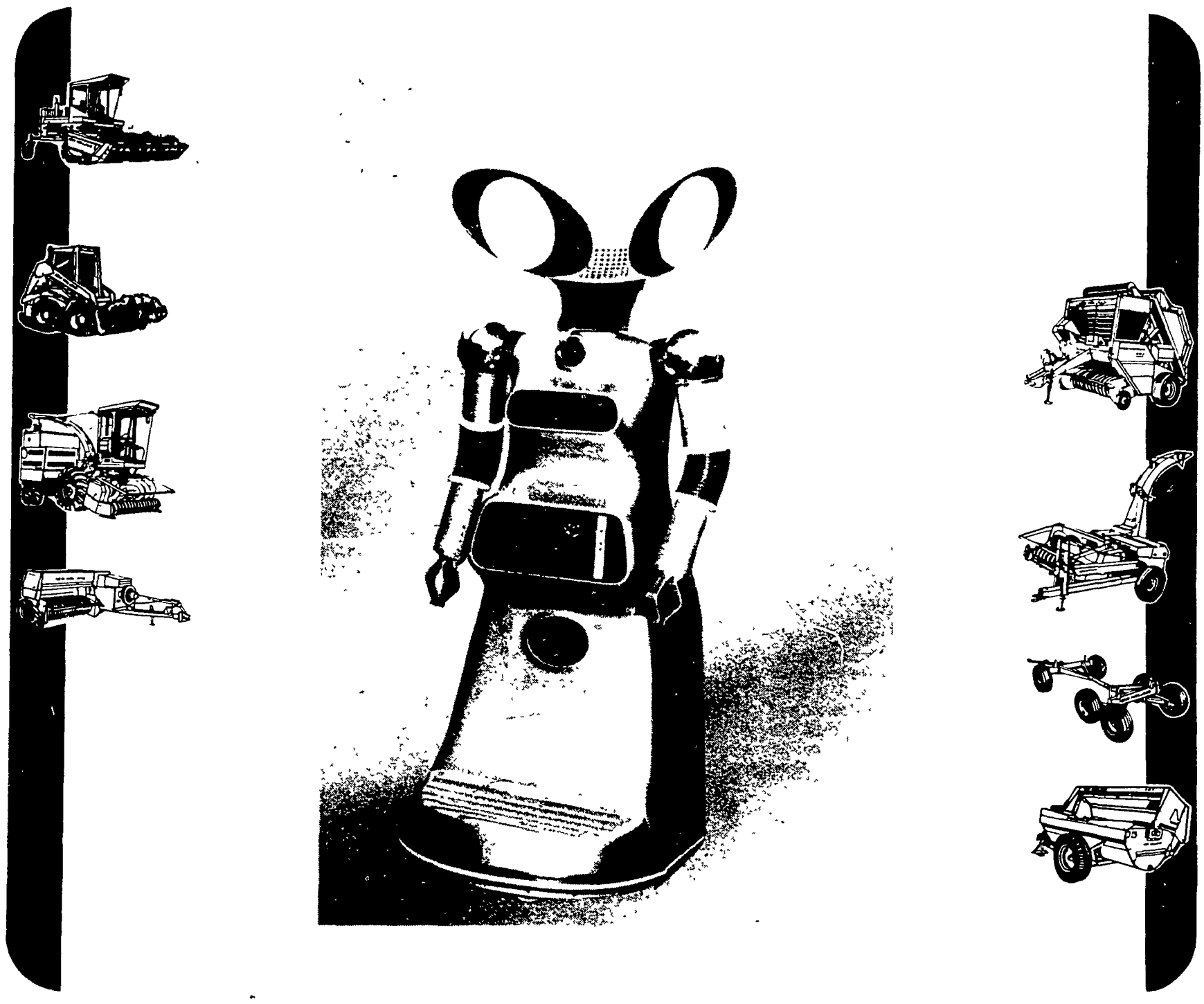

Hello,

My name is INNO-Vator. I live on a planet far beyond the sun called Agro. But because of a special invitation from SPERRY NEW HOLLAND AND YOUR LOCAL SPERRY NEW HOLLAND DEALER, I will be visiting Earth next week. I'll be coming to the PENNSYLVANIA FARM SHOW in Harrisburg, Pennsylvania. I attended the show last year and had such a wonderful time visiting with so many farm families that I can't wait to return.

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If I met you last year stop again at the Sperry New Holland Display to say hi. If I didn't see you at the 1982 show please come and talk to me this year. I'll be at the Sperry New Holland Display, Space 46, Booth #'s 287 to 311 on Sunday, January 9th thru Wednesday, January 12th all day long. Please come and see me.

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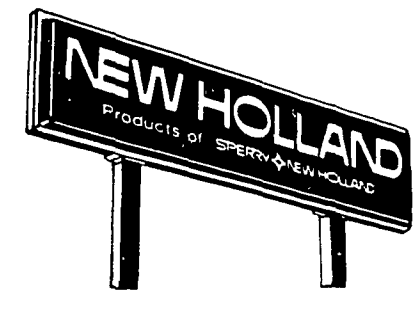

Chocolate chips

(Continued from Page E10)

go into business. Trautman says the first thing the booklet tells you to do is get an accountant. That was the last thing he did.

"You do need an accountant but they don't know anything about the business. We designed everything on our own and bought the best equipment on the market. We had all the cases hand built and we had the contractor build the space to our design. Everything is custom built," he states.

Trautman's background is heavy on experience in the food industry, and his previous work has helped in the operation of his business.

"All I know I learned from Ed," Trautman said, referring to the owner of Pushnik's cafe in Lebanon. "I started as a paper boy and went to work there as a dishwasher and general kitchen worker. I've been working in the food business since I was 13." He eventually became the grill person and the baker.

He then went to work at the NCO and officers club at Fort Indiantown Gap, and gained a lot of experience there. He took a year off to work for Lance crackers on a route, but said, "I wanted to get back in the business. It was in my blood." Eventually he went to Hershey's, he said, adding "I was fortunate in being able to talk to people."

It really was in his blood, because Trautman's mother, whom he calls "a good cook to say the least," worked for Verl's Salads in Lebanon County. "My grandmother was an excellent baker. I have a book full of her recipes."

The Cookie Corner offers a variety of cookies, from the jumbo to average size which are sold by the dozen. Trautman says, "We develop the recipes as we go. The chocolate chip cookie is the most sought after. I just tell people to buy Hershey's chocolate chips and use the recipe on the back." He says he can't really give out his recipes because he is mixing large batters, although they never make a batch over 20 pounds. "To keep quality and control we keep batters baked continually. This keeps them fresh."

The cookie batter is dipped out with a small ice cream scooper and baked in a convection oven. "The trick is in the timing," Trautman says.

They offer an "old-fashioned" sugar cookie about which Trautman says, "We have the best sugar cookie on the market. It is from several recipes. We tested and baked it and gave it to friends." In an assortment, that's the cookie Trautman chooses.

They started with eight or nine basic cookies, and Trautman says, "We comparison shopped very hard. We took the best from the rest."

Other cookies featured at the Cookie Corner include snickerdoodles, vanilla peanut butter cookies, double chocolate cookies (for the real chocolate lover), sugar cookies, raisin cookies, brownies, fruit cakes and kiss cookies. Trautman says, "I can't believe how kids relate to the snickerdoodles." They also do seasonal cookies like the fruit and nut cookie and they also bake a large round chocolate chip cookie which they will decorate. They call it their cake cookie, and their employees have been trained in cake decorating, and can make any design the buyer wants. Trautman says these cookies are a good thing to order for someone who appreciates something different.

The one cookie they have introduced into their line which increases sales without decreasing sales of other cookies is the E.T. cookie. "There is all kinds of commotion when we advertise it on our little blackboard outside the store," Trautman says. This cookie does not resemble the little critter from outer space; it is a chocolate batter chock full of Reeses pieces - and it is delicious!

When is the best time to eat cookies? Trautman says, not surprisingly, "Twenty-four hours a day." He thinks they are great anytime with anything, and he has one regular customer who buys broken cookies for eating with wine. Each morning personnel go through the cookies and remove broken ones or ones which are not up to their standards of freshness, and they are sold at bargain prices by the bagful.

The Cookie Corner does not just bake cookies for their retail store. They had the exclusive rights to sell cookies at Hersheypark last summer and stirred up fresh cookies every morning for park visitors. They also supply a school district with cookies for lunch, and they happily make cookies for almost any event. They recently supplied cupcakes for a bank anniversary, and have sold cookies at the Sportsmen Show and parades.

A new venture for them was selling cookies for group sales as a money making project. They took orders and sold them in old fashioned Hershey's cannisters.

Mail orders also are a big item with the store, and they have sent lots of cookies, including some to boot camp where "you can't send cookies." The secret, Trautman says, is that the cookies must be eaten immediately — hardly a problem in boot camp.

Trautman says his bakery is a "supplement to home baking." Monday is a good day for sales, and he thinks it is because goodies at home are wiped out and normal shopping days are later in the week. He points out that cookies are great in lunches and for coffee breaks.

"We have nice employees," Trautman says, noting that's important to the success to the enterprise. He said they have many women whose children are in school and who wish to work 20 - 30 hours a week, and have some "discretionay income." Every employee must know every process in the business from mixing and baking, to selling, to rotating inventory.

He is hoping Farm Show will increase exposure to his product, and hopes to expand the distribution of the cookies early this year.

To Trautman, cookies are "a sweet conclusion. You think of cookies and sweets and nice things."

When you visit the Marketplace and smell that sweet aroma you too will think of sweet things. But you can do better than think about them - you can taste the delicious cookies offered by The Cookie Corner.

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Pa. farmers under 35 increased about 16 percent, from 7,923 to 9,193, from 1969-78.

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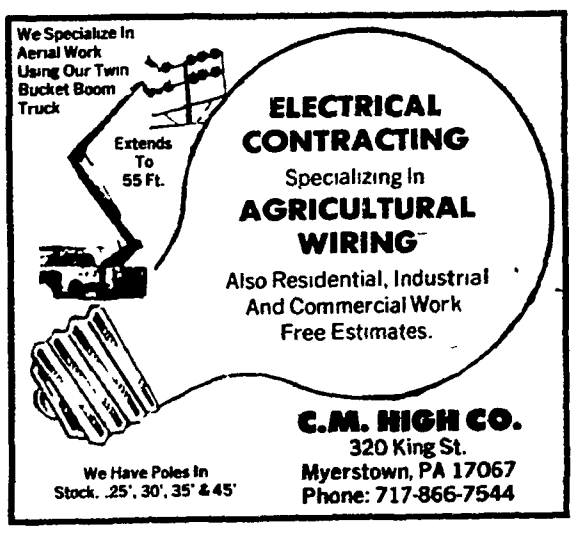
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Gov. signs power legislation

HARRISBURG — Legislation that will, for the first time, permit Pennsylvania's 34 municipal electric systems to join with each other and with rural electric cooperatives and private power companies in the construction and ownership of electric generating facilities was signed into law last Thursday by Governor Dick Thornburgh. The pro-consumer measure was introduced by Sen. George W. Gekas (R-Dauphin), who was recently elected to a seat in the U.S. House of Representatives.

"This legislation will provide municipal electric systems with great new opportunities to provide their consumers with lower cost power," Gekas commented after the bill was signed. "By being able to own their own generating capacity," he added, "they'll be able to eliminate extra costs now paid to 'middlemen'."

The enactment of joint action legislation became necessary in Pennsylvania when environmental and economic pressures forced municipal electric systems with generating plants to close them down. The small, oil-fired generating plants previously operated by municipal electric systems were no longer economically viable. In order to own their own generating capacity, the municipals had to be able to join with other utilities in the construction, ownership, and operation of new generating facilities. The Commonwealth's municipal electric systems currently meet the needs of their consumers with electricity purchased on a wholesale basis from the state's private power companies.

"The enactment of this legislation brings Pennsylvania into line with action taken by more than thirty other states," said William F. Matson, executive secretary of the Pennsylvania Municipal Electric Association. Matson is also executive vice president and general manager of the Pennsylvania Rural Electric Association. "The enactment of this measure represents a major, progressive step forward for Pennsylvania's consumers," Matson remarked.

Municipal electric systems serve over 600,000 consumers in Pennsylvania. They range in size from systems that serve a few hundred consumers to systems of just over 10,000 consumers. The municipal electric systems operate on a non-profit basis as a unit of borough governments. Their rates and operating policies are set by the local borough council or by other consumer-oriented bodies.

It is anticipated that any municipal power agencies established by the law signed by Governor Thornburgh will either develop small-scale hydroelectric generating facilities or will purchase an ownership interest in [illegible] or other large-scale generating facilities being constructed by other utilities. Because of their small size and geographical separation, it is unlikely that any large-scale power projects will be developed by municipal power agencies.

Instrumental to the enactment of the muncipal power legislation were Lt. Gov. William W. Scranton III, Sen. Gekas, Senate Majority Leader Robert C. Jubelirer (R-Blair), House Majority Leader Samuel E. Hayes, Jr., (R-Blair), House Local Government Committee Chairman A.C. Foster (R-York), House Minority Whip James Manderino (D-Westmoreland), and House Consumer Affairs Committee Minority Chairman Charles Laughlin (D-Beaver).

The municipal power legislation was supported by the Pennsylvania Municipal Electric Association, the Pennsyvlania Rural Electric Association, and the Pennsylvania State Association of Boroughs. The measure was opposed by the Pennsylvania Electric Association, the pressure group for the state's private power companies.

xxx

Food prices are more than four imes higher now than a half entury ago. The average worker's aycheck is more than 11 times igher. As a result, the typical vage-earner worked only 61 inutes in 1980 to buy the same mount of food that required lmost two house of work in 1929.

xxx

The average U.S. farmworker supplies 78 people, 52 here and 26 abroad. That's three times as many as in 1960 when the average farmworker (farmers plus family and hired workers) produced enough for only 26 people. Productivity is the difference.

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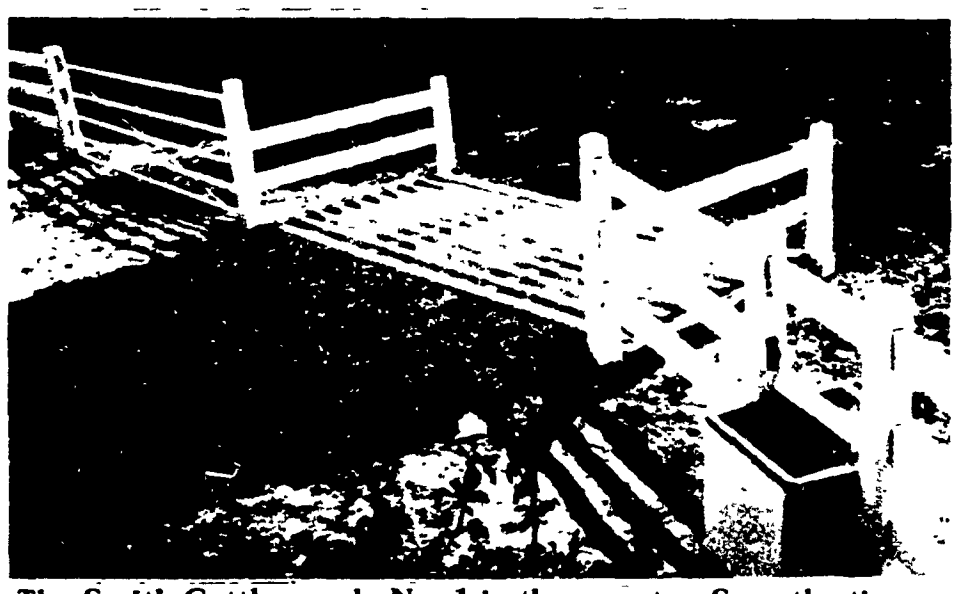

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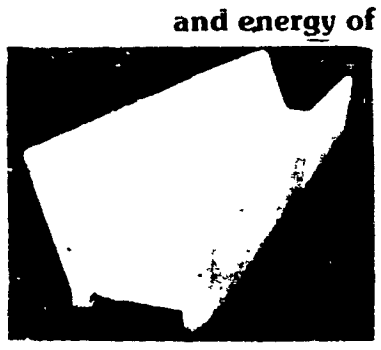

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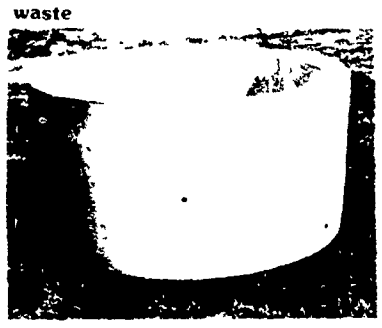

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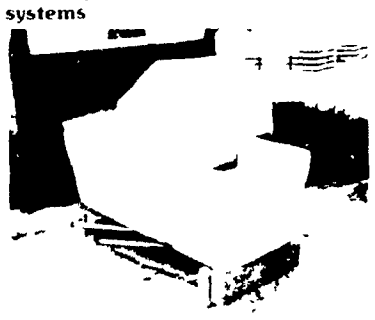

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Sometimes, it's so hard to say goodbye

Step by step for more than 100 miles, a special bond grows and grows

BY DICK ANGLESTEIN

BRICKERVILLE — What's the most emotion-packed moment at Farm Show?

Some will say it's the exact moment when the judge of the Junior Steer Show slaps the rump of the grand champion.

Certainly, this is an emotional and happy time for one young man or young lady, but it has to take a back seat to the sale of these beefy pets – both the champs and those that placed lower in their classes.

For during the sale, there are more than one set of wet and clouded eyes as youngsters lead their entries in front of the auctioneer and before the bidding audience.

Why is this time so emotion-packed?

Naturally, it's because of the special bond that develops between the youngsters and their animals over the year or more leading up to Farm Show.

Literally, both grow up together. The youngster grows in knowledge and depth of caring for another human thing. And the animal grows by leaps and bounds, adding up to 100 pounds a month to its solid frame toward the end of the lengthy preparation.

To understand how this special bond between youthful exhibitor and calf develops and matures, let's consider just one of these youngsters. She's 15-year-old Kelly Rohrer, of R5 Manheim.

She was the winner of the Lancaster County Red Rose 4-H Baby Beef Club Roundup at the New Holland Sales Stables in November and that puts here well in the running for Farm Show.

"Zack" is her third steer and he's something special.

"Two years ago when she got her first steer, I told her we were going just for a medium one," explains her uncle, Abe Flory Jr.

"That first year was mostly learning and Kelly had to develop her techniques of showing and knowing her way around a ring and with judges."

Last year's second steer was a better one, but was something of a free spirit and at times followed its own mind. And anyone who has tried to lead more than a half-ton of beef on the hoof around, when it doesn't want to be led, knows the problems that can result for a young exhibitor.

But this year, number three has been the charm for Kelly. Zack has put it all together. He has the frame, muscling and overall appearance and leads as docilely as a pup on a string.

"He's never given me a bit of trouble in all of these months and I just enjoy so much walking with him," Kelly said.

And Kelly sure has done some walking with him.

In just the past three months of final finishing and preparation, Zack and Kelly have covered well over a hundred miles together.

During these daily walks, this special bond between exhibitor and entry has developed.

Step by step, for well over 100 miles, the spark of this special bond is ignited, flames up into a special relationship and peaks when the two take those final steps together in the show and sale ring.

Those 100 miles or more of walking are farther than if Kelly walked Zack from his stable to the Farm Show Complex in Harrisburg and back.

And if you really want to stretch out this rambling relationship, it's more than a quarter million steps together – one by one through sunshine, gloom, drizzle, snow flurries, warmth and cold.

Kelly is fortunate in that Zack's stabling is at her uncle Abe's home along Dead End Road, off Rt. 322, at the Lebanon Pumping Station.

It's isolated and traffic is limited to only local residents – except for the romantics and rapists who occasionally frequent the area.

Kelly calls Zack and he ambles from the yard into the stable opened to the south. He even seems to help slip into the halter.

It's up the driveway and past her uncle's house. Along Dead End Road past the house of his father, Abe Flory Sr., and on up the road to the farm that the family sold 12 years ago.

"We had a dairy farm until 12 years ago," Flory explains.

"We were Ayshire people and showed them quite a bit."

Now, Abe's showing is limited to the guidance he gives to Kelly in her 4-H career.

After one turn up the road and back, Zack, who was also the 4-H champ at Manheim Fair, snuggles up to Kelly.

"Oow, he's so warm," Kelly says.

Zack calmly blows puffs of steam into the chilly air.

"Sometimes, we walk up over the game trails," Kelly said.

"But things are more likely to spook him there."

Kelly walks Zack closer to the Flory pond for the benefit of another photo.

"Now, don't go taking me into the water," Kelly remarks.

Zack looks quizically at her as if to reply: "Me, you know I wouldn't think of it."

And he probably wouldn't.

Kelly and Zack look something like a barnyard version of the odd couple during the strolls.

A cheerleader, who rushes from Manheim Central to her uncle's for the daily care, Kelly appears to float along the road.

Zack's husky frame, that must outweigh Kelly a dozen times over, resembles rippling ebony as it dutifully lumbers along behind.

And besides these strolls together, there's the feeding, washing, currying and multitudinous other tasks that bring the two together – ever closer together – physically and spiritually.

Is it any wonder that in a few days, this bond will likely overflow into misty eyes at Farm Show.

Yes, sometimes, it is so hard, so very hard, to say goodbye.

Is it any wonder?

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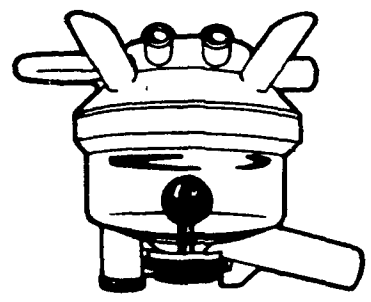

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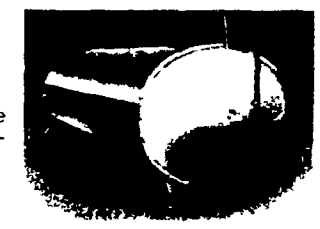

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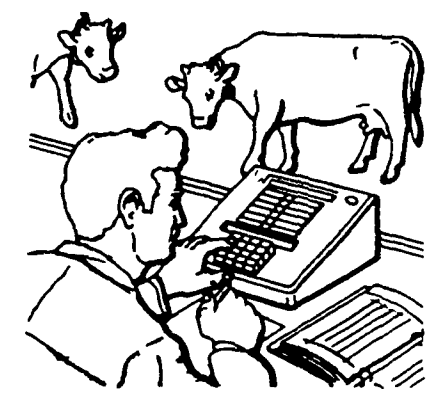

De Laval technology enables you to place the dairy herd's grain feeding program under computer control With the RationMaster Feeding System, each cow gets only the concentrate needed for optimum milk production Components include neck-worn transponders .single-stall feeding stations where grain is dispensed automatically and a Computer Command Center where a micro processor stores and retrieves data on individual animals

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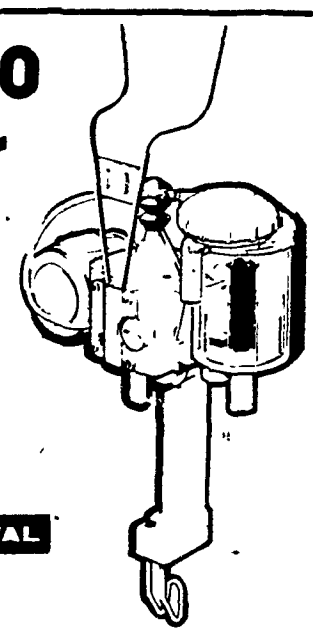

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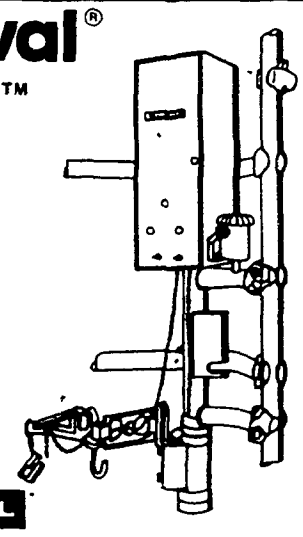

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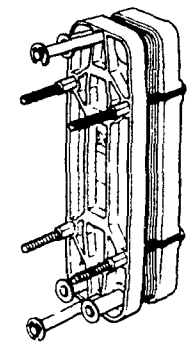

Today's cost conscious dairyman knows that cooling milk quickly is necessary to preserve milk quality and flavor but can also be expensive That's why many dairymen are saving on refrigeration dollars by utilizing a simple, yet effective De Laval plate cooler as part of their cooling system The P-30A plate cooler can be adapted to three types of systems, using well water, ice water or a combination of both And best of all, with a pre-cooling system, energy costs can be cut an average of 50%, depending on well water temperature

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Lancaster ASC posts election results

LANCASTER — The Lancaster County Agricultural Stabilization and Conservation Service office recently announced the results of their December election of County and Community Committee members.

LeRoy H. Welk, Quarryville, was elected chairman of the ASC County Committee. He replaces Paul B. Kline of Lititz who completed his third consecutive three-year term last year and was ineligible for relection. Welk has served as vice chairman of the County Committee in 1980 and 1981.

Serving on the County Committee with Welk will be: Lewis E. Bixler, vice chairman, Quarryville; Ronald E. Kline, regular member, Lititz; Harold B. Kreider, first alternate, Lititz; and H. Grant Troop, second alternate, Quarryville.

The following people were elected to Community Committees in Lancaster County:

Community #1 Victor Dohner, chairman; Paul M. Wolgemuth, vice chairman; J. Richard Snavely, regular member.

Community #2 Harold W. Ney, chairman; Donald C. Drager, vice chairman; Paul Sauder, regular member.

Community #3 Albert Breneman, chairman; Jere E. Swarr, vice chairman, Paul Newcomer, regular member.

Community #4 Forney Longenecker, chairman; Harold B. Kreider, vice chairman; James R. Spahr, regular member.

Community #5 Walter Augsburger, chairman; James W. Martin, vice chairman, Mahlon Eberly, regular member.

Community #6 Walter C. Martin, chairman; Eli S. Eby, vice chairman, Timothy Hoober, regular member.

Community #7 Luke R. Zimmerman, chairman; LeRoy H. Martin, vice chairman; Robert Martin, regular member.

Community #8 Fred Seldomridge, chairman; Raymond Hoover, vice chairman; Chester Eby, regular member.

Community #9 Kenneth B. Garber, chairman; Nelson Harnish, vice chairman; Arthur Harnish, regular member.

Community #10 James Kettering, chairman; Earl N. Landis, vice chariman; Nelson Rohrer, regular member.

Community #11 Clayton Charles, chairman; Nelson Habecker, vice chairman; Robert Kindig, regular member.

Community #12 H. Grant Troop, chairman; Lloyd H. Welk, vice chairman; Kenneth Landis, regular member.

Community #13 J. Edwin Rohrer, chairman; James C. Landis, vice chairman; Richard Barge, regular meeting.

Community #14 Samuel H. Kreider, chairman; Wilmer P. Bolton, vice chairman; Robert Smith, regular member.

Community #15 Victor Brinton, chairman; Fred W. Crider, vice chairman; A. Dale Herr, regular member.

Farm Show equals bad weather?

HARRISBURG — There's an old Pennsylvania proverb that says Farm Show Week means bad weather ahead, but that proverb hasn't always proven true. In fact, more times than not, it proves to be little more than an old wive's tale.

According to the National Oceanic and Atmospheric Administration, the average Farm Show has experienced only two days of inclement weather. The average is based on the weather over the 67-year history of the Farm Show.

Last year's show was no exception to the rule. The show experienced only one day of snow, but had one day with zero degree weather. There have been only three other Farm Shows in history to experience zero degree weather. The 1980 Farm Show had one minus four degree day, the 1957 show had temperatures reaching two below zero, and 1936 had a record low of six degrees below zero.

Farm Show's average one day of snowfall acturally seems to add to the overall excitement and magnetism of the event. Agriculture Secretary Penrose Hallowell says, "The nice thing about Farm Show is that no amount of bad weather dampens the enthusiasm of Farm Show visitors. The show always seems to captivate its visitors young and old."

"Often, snow or cold weather actually helps create a special mood with Farm Show crowds," he said. "There's a closeness and good feeling that comes from knowing you are part of thousands of people who brave the weather to share in the warmth of Farm Show hospitality."

There have been five Farm Shows with perfect weather according to NOAA. The four-day shows in 1921 and 1922, and the five-day shows in 1934, 1953 and 1973 all hold this record. The 1973 Farm Show also held the existing record for attendance with 750,000 visitors.

Other records for Farm Show weather have been: 1964 with the largest snowfall in Farm Show history, 18 inches; 1918 had 16 inches of snow; and 1970 had 14 inches of snow on the ground. A record high temperature was set in 1970 with a 66 degree day.

In looking at the past Farm Show weather, you can be reasonable sure when someone says, "It looks like Farm Show weather again," there will be pleasant January weather.

Subsurface drainage curbs erosion

LAFAYETTE, Ind. — Subsurface drainage is usually installed to boost crop production, but computer simulation studies show that this practice may also help curb soil erosion.

By draining a soil, the farmer increases its water holding capacity. More precipitation or snow melt can then infiltrate into the soil, thereby reducing the amount of surface runoff that could erode the land.

To analyze the effects of supplemental drainage on erosion, two computer models called DRAINMOD and CREAMS were combined by Agricultural Research Service hydraulic engineer George R. Foster, Lafayette, Ind., and engineers R. Wayne Skaggs and Abdolhossien Nassehzadeh-Tabrizi of North Carolina State University, Raleigh.

DRAINMOD, developed by North Carolina State University, predicts on an hour-by-hour basis, the position of the water table, soil water content, drainage, evapotranspiration, and surface runoff.

CREAMS, developed by ARS, predicts on a storm-by-storm basis, runoff, erosion/sediment transport and movement of plant nutrients and pesticides from field-sized areas.

The three researchers devised a computer simulation to determine whether supplemental subsurface drainage should be considered a "best management practice" for Goldsboro sandy loam soil with a 2-percent slope in eastern North Carolina. Their model incorporated climatological records collected over a 10-year period from Wilmington, N.C.

The simulation showed that a field of conventionally tilled corn with good surface drainage but poor subsurface drainage annually lost 4 tons per acre. In contrast, soil loss on a field with poor surface drainage but good subsurface drainage was only 0.4 tons per acre.

About 50 million acres in the eastern United States need supplemental drainage for efficient agricultural production, Foster says. Since much of the land is near environmentally sensitive areas where even small amounts of erosion are objectionable, any soil savings achieved with drainage systems would be an added bonus.

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"Keystone Pride" joins ag logo

HARRISBURG — The "Keystone Pride" slogan has been approved for use with the Pennsylvania Agriculture logo in promotional and sales efforts. State Agriculture Secretary Penrose Hallowell said the new combined logo and slogan were designed for use by food processors with out-of-state sales.

Hallowell also announced that the Pennsylvania Meat Packers Association has endorsed the "Keystone Pride" logo. Several members of the association, including Seltzer's Bologna Company of Palmyra and Kessler's, Inc. of Lemoyne.

The "Keystone Pride" slogan was used by the state's agricultural industries during a month-long promotion of Pennsylvania food products in August. Consumer acceptance of the slogan led to expansion of its use.

The "Keystone Pride" logo uses the basic format of the three-year-old "Pennsylvania Agriculture-We're Growing Better" campaign, with the outline of the commonwealth surrounding the capital letters "PA." However, the "Keystone Pride" slogan replaces "We're Growing Better" beneath the state.

Hallowell said that a member of the Meat Packers Association had presented the initial idea for an alternate logo. "Many larger firms in the state had expressed a desire to identify their products with Pennsylvania, but because their marketing was on a regional or national basis, they declined," Hallowell explained. "Marketing surveys had shown negative consumer reaction in other states. By using the 'Keystone Pride' slogan, these firms can now associate themselves with Pennsylvania's largest industry and identify their products' origin as Pennsylvania in a more subtle manner."

Hallowell said that the "Keystone Pride" logo gives Pennsylvania food processors an opportunity to share in the successes of firms already using the logo to promote sales of Pennsylvania food products. As Pennsylvania-based regional and national firms become aware of the "Keystone Pride" logo, it should become more visable on grocery store shelves.

Hallowell said the requirements for firms wishing to use the new logo will remain the same. They must produce a top quality agricultural product which contains all or a portion of raw food products produced or grown in Pennsylvania.

"I urge consumers to look for both the 'We're Growing Better' and the 'Keystone Pride' logo on food products in coming months," Hallowell said. "Purchasing these products will help boost farm income while generating an increase in sales throughout our agricultural industries."

Worship service Sunday at Farm Show

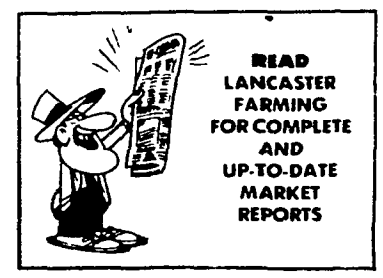
HARRISBURG — A non-denominational worship service will be held at 11 a.m. Sunday, Jan. 9, prior to the opening of the 67th Annual Pennsylvania Farm Show.

State Agriculture Secretary Penrose Hallowell said the service has been scheduled to accomodate out-of-town visitors. The service, held each year in the main arena of the Farm Show Complex, enables visitors to attend church without missing opening day festivities of Farm Show.

The service has been arranged through the Pennsylvania Council of Churches under the direction of the Reverend Paul D. Gehris, director of the Council's Office of Social Ministry.

Delivering the sermon will be the Right Reverend Charlie F. McNutt, Jr., Bishop of the Central Pennsylvania Episcopol Diocese. Reverend Gehris will assist in the service.

Special music for the service will be provided by the "Baptones," a spiritual quartet from the West Shore Baptist Church of Camp Hill. The members include E. J. Stevens, pianist; Al Sweigard, Bob Zoll and Tom Gabel, Sr.



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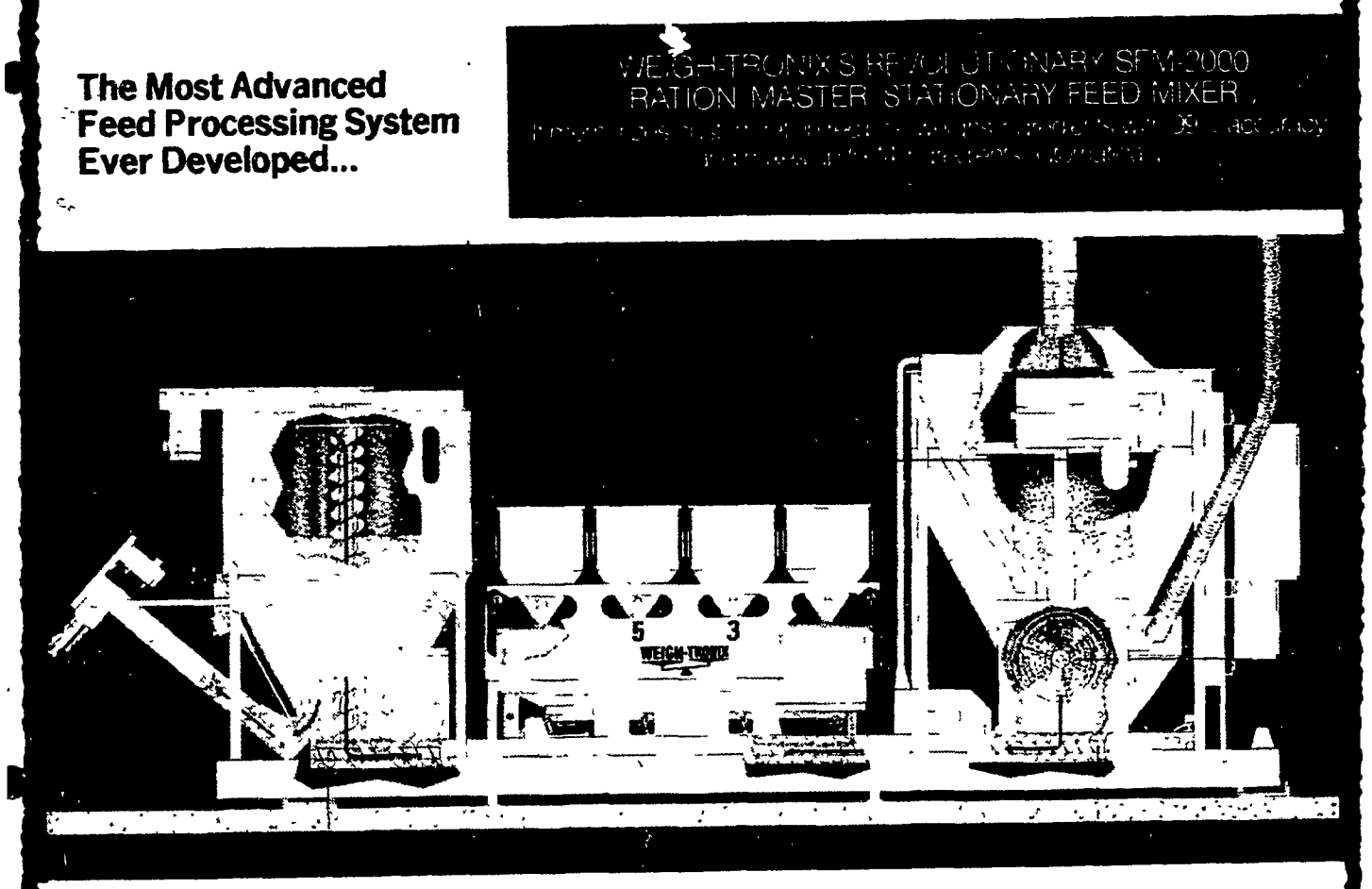

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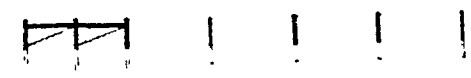

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Learn about Pa. wine industry at Farm Show

CORNWALL — The Pennsylvania Wine Associa' will be at the Pennsylvr . Food Marketplace to show rm Show visitors that there is a cessful—and growing—wine lustry in Pennsylvania.

Wine Association President Frank Mazza of the Mount Hope Winery in northern Lancaster county points out that it has only been since 1969 that limited wineries have been legal in Pennsylvania. With Pennsylvania ranking as the fourth largest grape producer in the country, before this legislation was passed most of these grapes were being shipped to other states for processing.

The 20 members of the group represent a large increase in the last few years, according to Mazza who adds, "There were six new wineries in the state in the last year. The numbers are growing and production is growing."

Mazza says there is a very definite market for Pennsylvania wines. "There is great potential in this country." At wine tastings at Mount Hope, he said they frequently get people who have never tasted wine.

"There is an abundance of fruits in southeastern Pennsylvania, which is the newest grape area with the greatest potential, Mazza reports. "It far exceeds what California has." Mazza says the soil is suitable and the climate is right for grape production here. Although the winters are cold, they are not as severe as New York winters and the summers are moderate, with long and relatively cool summers.

Mazza says white wines have the biggest potential for this area, and although he feels the red wines will never compete with California reds, he said the reds here are of good quality, but lighter.

Winemakers are all "individualists," according to Mazza, but they organized the Wine Association so they can have a united voice in dealing with legislators. "Our focal point is to speak to elected officials," he says.

While you won't be able to sample any wines at Farm Show, or even take any home with you, you will have the opportunity to learn about Pennsylvania wines and an industry which is a growing part of the agriculture economy.

The wine industry is growing in Pennsylvania.

License dogs now

HARRISBURG — County Treasurer's offices began licensing dogs Monday. State Agriculture Secretary Penrose Hallowell reminds dog owners that several changes have been made in dog licensing fees and provisions with the passage of the new Dog Law in November.

The State Dog Law, which became effective Jan. 1, 1983, still requires that owners license all dogs six months of age and older. However, fees for all spayed and neutered dogs are now $2.50 and all other individual dog licenses now cost $4.50 a year. An additional 50 cents will be added to regular license fees when issued through the County Treasurer's Office.

Under the law, exemptions and adjustments have been made to the dog license fees. Owners of guide dogs, hearing dogs and handicap aid dogs are not subject to license fees, but are required to license their dogs. Senior citizens age 65 and older pay only half-price for their dog licenses.

"Senior citizens should be prepared to show proof of their age when applying for a dog license," said Hallowell.

The new law also provides for lifetime licenses for dogs, under certain conditions, at $10 for spayed and neutered dogs and $20 for all other dogs.

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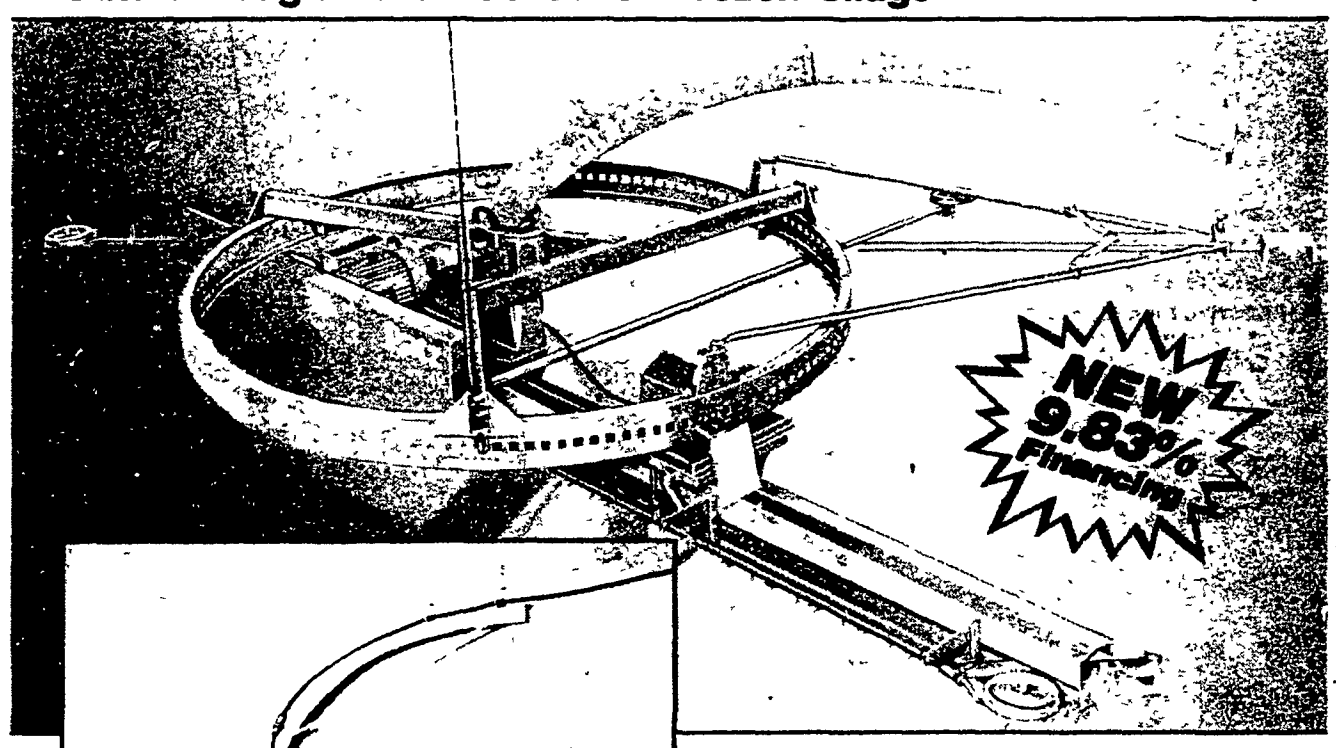

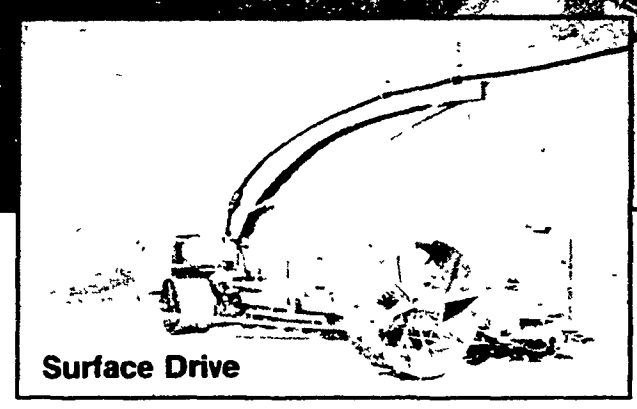
Surface Drive

Patz double-hook gathering chain features knife-sharp cutters and claws *for full-flow feeding.*

Patz offers both ring-drive and surface-drive silo unloaders. The preset depth-of-cut control feature on the Patz 98B Surface-Drive Silo Unloader gives you truly automatic feeding. It eliminates monitoring of a winch and frees you to do other work while feeding. The Patz RD-820 Ring-Drive Silo Unloader offers the time-saving convenience of feeding immediately after repeated silo refills.

Handle varied feeds. Patz unloaders feature a gathering chain that cuts silage loose with a chain-saw action. The Patz gathering chain handles feed ranging from high-moisture corn to tough, hard-packed or frozen silage

Silo walls stay clean. Spring tension keeps the self-sharpening Patz power cutter knives tight to the silo wall. With no silage buildup, the unloader stays level

Adjustable impeller blades on all Patz unloaders allow close tolerance for maximum blower efficiency and longer life. Patz gathering chain delivers loosened silage to the high-capacity blower.

Uniform silage flow *provided by* the aggressive Patz gathering chain works well for measured *feeding programs.*

Utilize more silo capacity. Both Patz models can be fit into the silo dome to allow greater filling capacity. And both models are quick and easy to change over from filling to feeding.

If you aren't benefiting from all of these features with your present silo unloader, then choose from the latest Patz models Patz unloaders fit most existing suspension systems for easy updating.

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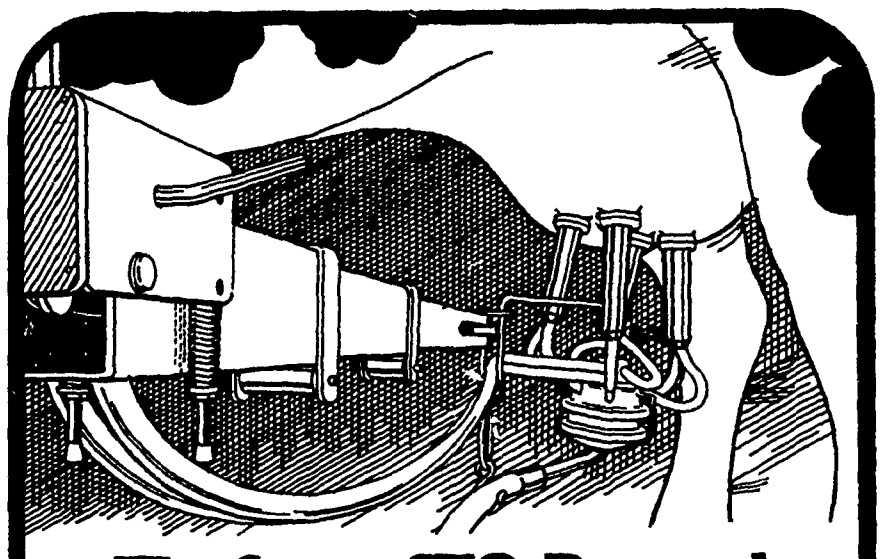
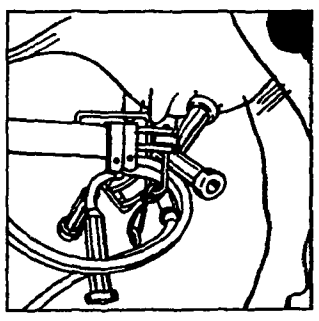
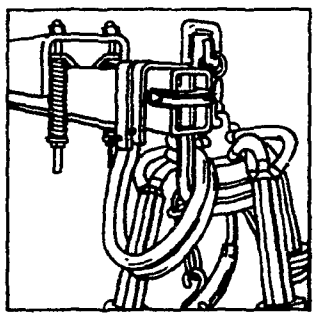


The Surge STO. Rugged telescoping arm for better support, positioning and smoothness.



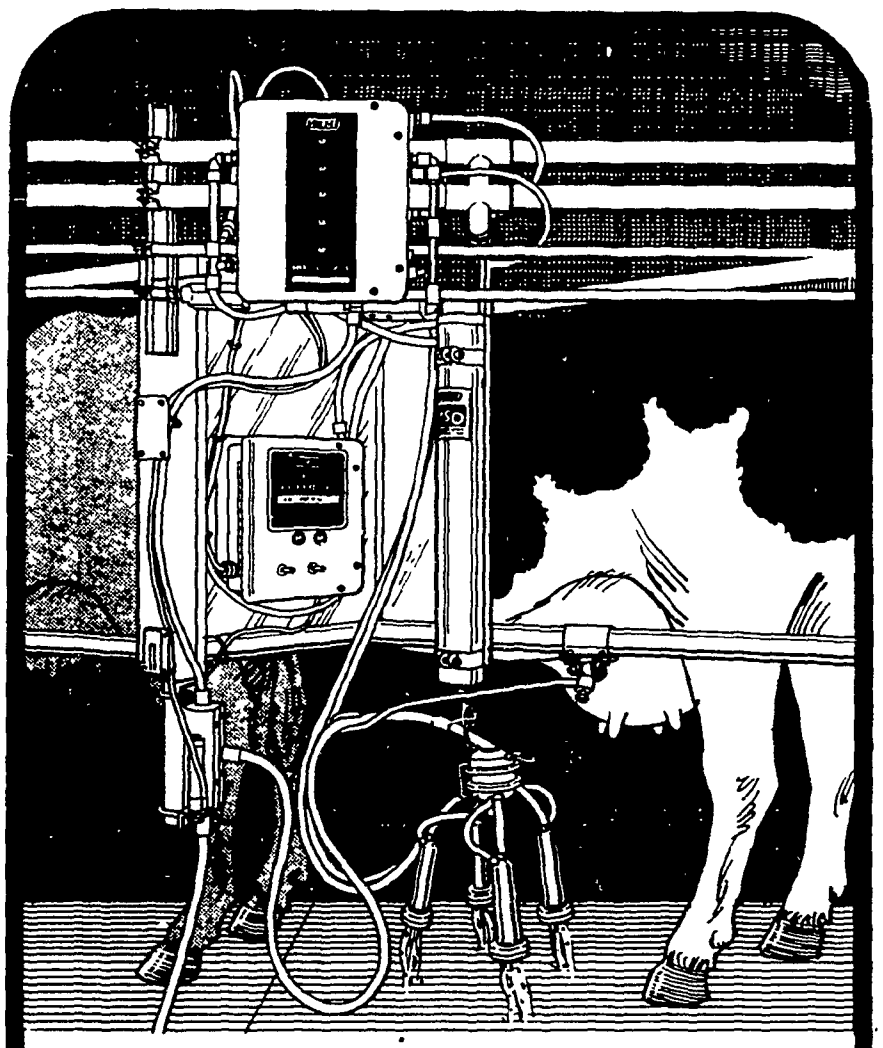


Rugged and reliable. That's what dairymen asked for in an automatic take-off.

The Surge STO (Simultaneous Take-Off) fills the bill with a precision engineered telescoping arm. The rugged arm supports the milker and can be adjusted individually to each cow for effective milking action.

When the cow is milked out the sensor shuts off the milking vacuum and signals the STO arm to telescope into itself and pivot out from under the cow in one smooth, gentle motion.

Available with electronic or mechanical float milk-flow sensing.



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Chester farmers can join public speaking club

WEST CHESTER — "It has been said that the fear of public speaking ranks above the fear of death and dying. Toastmaster's will help you overcome that fear", says Harold Thomforde, Kennett Square, a member of the Chester County Toastmaster's Club. "This will be the beginning of a new club in southern Chester County if enough people are interested". Thomforde adds.

Thomforde, owner of the Stone Barn, and Marshall Haws, executive conservationist of the Chester County Conservation District, are coordinating a public demonstration of a Toastmaster's meeting at the Perkins Pancake House, Route 41, Avondale on Thursday, Jan. 13, at 7:50 p.m.

John Foster, Douglassville, past District Governor and Marketing Manager for District 38/is preparing the shortened version of a Toastmaster's Club meeting. Jody Perego, Chester Springs, present Area Governor will participate.

Members of Rotary, Kiwanas, Lions, and other civic clubs, garden clubs, women's Clubs, municipal officials, farmers — anyone interested in developing their speaking, communication and leadership skills can attend.

Anyone having questions about the program should call Thomforde at 215/347-2414 or Haws at 215/696-5126.

Balanced rations improve milk for cheese

OAKLAND, Calif. — Nearly one-third of all milk produced in this country is now used for cheese production, but the current milk pricing system is geared towards fluid milk with lower milk fat. Animal scientist Robert C. Lamb, Logan, Utah, points out that this inequity poses problems for cheese producers who pay too little for milk with high fat and protein, and too much for milk with low fat and protein.

To correct this inequity, a cheese-yield milk pricing system was developed by Lamb's colleagues at Utah State University, Logan. Under this system, pricing is based on the amount of cheese that can be made from 100 pounds of milk as determined by its fat and protein content.

"The best cheese-yield comes from milk that contains 80 percent as much protein as fat," says Lamb.

Feed is the major means available to producers for quickly changing the composition of their cows' milk. However, there are limitations. Says Lamb, "Environmental factors that affect fat content also affect protein but often in opposite directions."

Lamb especially cautions against trying to increase milk protein by adding more protein to a cow's feed. "Protein consumed beyond the cow's requirements will not increase the protein content of her milk because she synthesizes the protein that appears in her milk."

Balanced rations are the key to effective change. "A dairy producer would be best advised to get professional help with balancing rations by contacting either the Extension Service or other nutritional consulting groups," Lamb says.

Lamb has written a publication entitled "Managing Dairy Cows to Improve Protein Content of Milk." Copies of the publication can be obtained from the Utah Agricultural Experiment Station, Utah State University, Logan, UT 84322. Request Research Report 61, and specify for Holstein or Jersey cows.

xxx

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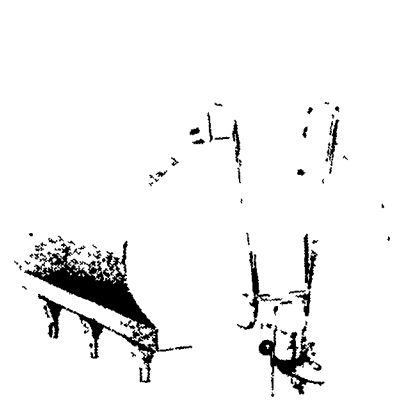

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Hitch . . . . . 3-point Category 1
Frame. . . 2"x2½" angle iron all welded construction
Gang Bolt . . . . . 15/16"
Bearings. . Sealed ball bearing & greasable friction-type
Angle Adjustment. . . . . 12° - 20°
Disc Blades. . . . . 16", 18" (cutout only)
Blade Spacing . . . . . 7½" or 9"
Weight Range . . . . . 325 - 475 lbs.
Mimimum HP Required 15-25
Disc Scrapers - Not Available

Specifications/ 1410 DISC HARROWS

Cutting Widths. . . . . 5½', 6', 6½'
Hitch . . . . . 3-point Category 1
Frame. . . . . 2"x3" tubular steel
Gang Bolt . . . . . 15/16"
Bearings. . . . . Greasable friction-type
Angle Adjustment. . . . . 12° - 20°
Disc Blades. . . . . 16", 18" (cutout only)
Blade Spacing . . . . . 7½" or 9"
Weight Range . . . . . 475 - 575 lbs.
Minimum HP Required. 18-25
Disc Scrapers - Not Available

Specifications/ 1420 DISC HARROWS

Cutting Widths . . . . . 5½' to 8'
Hitch . . . . . 3-point Category 1
Frame. . . . . 2"x3" tubular steel
Gang Bars . . . . . 2½" x 2½"
Gang Bolt. . . . . 1-1/8"
Bearings . . . . . Sealed ball bearing
Angle Adjustment. . . . . 0° - 20°
Disc Blades . . 18", 20" (cutout & plain)
Blade Spacing. 7½", 9" or combination
Weight Range . . . . . 608-858 lbs.
Minimum HP Required. 20-40
Disc Scrapers - Optional

Specifications subject to change without notice.

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The Squealer's performance is outstanding on grass and pasture clipping jobs, general maintenance cutting.

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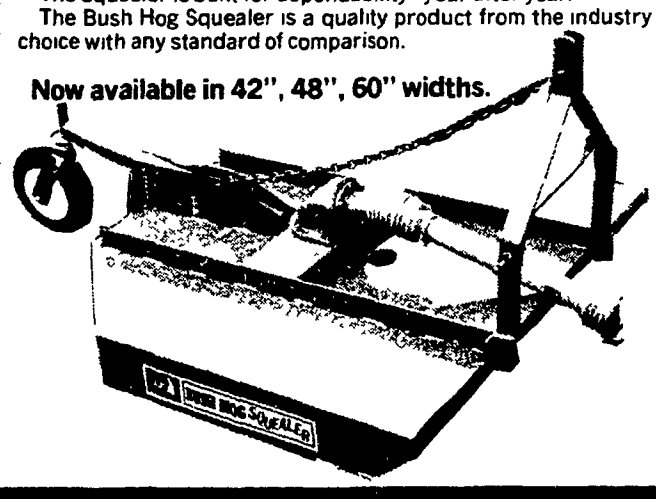

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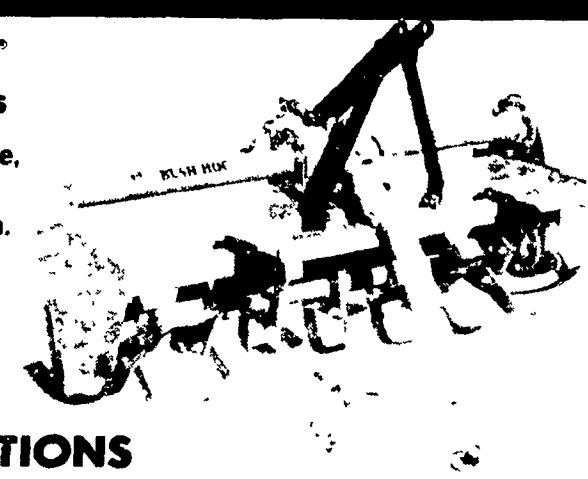

SPECIFICATIONS

Tillage Widths: 32", 40", 52"
Tractors: *For tractors 20 to 40 HP*
Hitch: Category 1, 3-point
Tillage Depth: Adjustable to 6" with four-position skid shoes
Offset: 8" to either side
Rotor: Four blades per flange
Blades: Angular "L" type standard equip*ment*
No. Blades: 16 (32" models), 20 (40" models), 28 (52" models)
Weight: 286 lbs (32" models), 308 lbs (40" models), 374 lbs (52" models)
Gearbox: 540 PTO

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No belts or chains to break.
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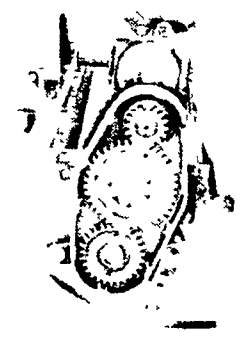
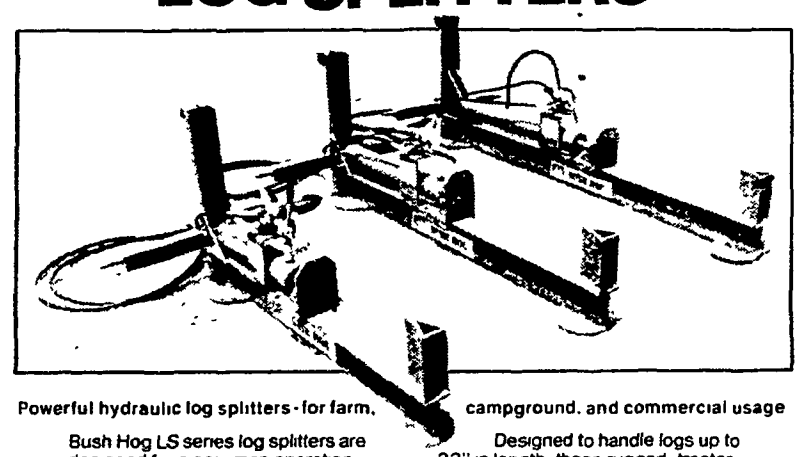


BUSH HOG® LOG SPLITTERS



Powerful hydraulic log splitters - for farm, campground, and commercial usage

Bush Hog LS series log splitters are designed for a one-man operation—budget priced for the farmer, rancher, campground owner, ideal tools for both commercial and rental use

Designed to handle logs up to 33" in length, these rugged, tractor-mounted open center, hydraulic system log splitters attach in minutes to almost all tractors having a Category I hitch

SPECIFICATIONS

Model	LS-19	LS-19A	LS-27A	LS-33A
Length	58½	58½	75	91
Width	34¼	34¼	34¼	34¼
Height	28¼	28¼	28¼	28¼
Cylinder	3½ x 16	3½ x 16	3½ x 24	4 x 30
Log Capacity	19	19	27	33
Hitch	Cat 1	Cat 1	Cat 1	Cat 1
Working Pressure	2500 PSI	2500 PSI	2500 PSI	2500 PSI
Max. Force	12 Ton	12 Ton	12 Ton	15 Ton
Valve	Manual	Automatic	Automatic	Automatic
Weight	200	200	215	256

BUSH HOG® POST HOLE DIGGERS

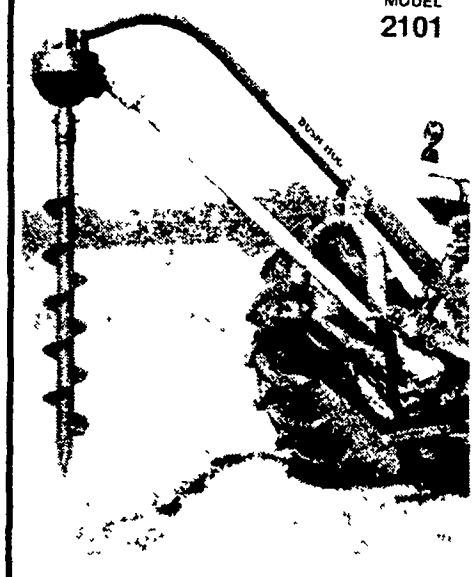
Two economical new models - for small fence post holes or big tree planting jobs and construction work.

The Bush Hog Utility model fits category 1 tractors, is ideal for all light duty applications The Agricultural model does excellent work on all medium or heavy duty jobs, fits category 1 or category 2 tractors

Designed for a one-man operation Bush Hog Post Hole Diggers have added features for smooth dependable performance

- Extra reinforcement on yoke and boom yoke attachment point for increased strength
- Top link connecting point allows simple attachment or detachment to tractor
- Bolt on auger teeth permit fast easy replacement when necessary
- The top link connecting point is designed for fast easy attachment to tractor

MODEL 2101



MODEL 2102

SEE US AT THE PA. FARM SHOW, SPACE #40

See Your Local Bush Hog Dealer

BENCE'S FARM EQUIPMENT
RD 2
Bedford, PA 15522
814-623-8601

CLAPPER FARM EQUIPMENT
RD 1
Alexandria, PA 16611
814-669-4465

IVAN J. ZOOK
Belleville, PA 17004
717-935-2948

THOMAS L. DUNLAP
RD 1 Box 105
Jersey Shore, PA 17740
717-398-1391

STOLTZFUS FARM SERVICE
Cochranville, PA 19330
215-593-2407

NEUHAUS'ES INC.
RD2
York, PA 17403
717-428-1954

GEORGE N. GROSS, INC.
5261 Davidsburg Rd.
Dover, PA 17315
717-292-1673

MILLER SALES & SERVICE INC.
Stewartstown, PA 17363
717-993-2470

UMBERGERS MILL
RD 4 Box 132
Lebanon, PA 17042
717-867-5161

FARMERSVILLE EQUIPMENT, INC.
RD 4
Ephrata, PA 17522
717-354-4271

A. L. HERR & BROS.
312 Park Ave.
Quarryville, PA 17566
717-786-3521

PETERMAN FARM EQUIPMENT, INC.
225 York Rd.
Carlisle, PA 17013
717-249-5338

CHAPMAN EQUIPMENT CENTER
RD 2
Wescosville, PA 18106
215-398-2553

CENTRAL TRACTOR FARM & FAMILY CENTER

FARM SHOW SPECIALS

VISA MasterCard

Hurry!
Sale prices good now through Sat., Jan. 15, 1983

Rock Share
BROKEN SHARE REPLACED FREE!
As Long As Share Is Not Worn Out.
Applies only to Rock Shares

ADAMS MADE IN U.S.A.

The extra heavy duty long-wearing share is made of top quality spring steel Extra material is added to the nose of the share making it wear twice as long, and extra strong to eliminate breakage. Our extra heavy duty plow shares wear as long as any other share on the market. Order bolts separately from listing as blade price does not include bolts. Front hole uses 1½" long bolt Made in USA.

FOR ALLIS CHALMERS
Uses ⅝" Clip Head Bolt

Size	Stock No	Price
All 14" except 375, 387 series	16017-002	8.99
14" 375 series	16064-002	8.79
16" 375 series	16067-002	9.79
All 14" and 16" 387 series	16082-002	9.29

FOR CASE
Uses ⅞" front bolt, ¾" on others

14" 4 hole	16019-002	8.29
14" 4 hole, short	16077-002	8.69
16" 3 and 4 hole	16056-002	8.99
16" 4 hole, short	16078-002	8.99

FOR JOHN DEERE
3 hole uses ⅞" bolts, 4 holes uses one ½" & three ⅞" bolts

14" 3 hole	16020-002	7.49
14" 4 hole	16021-002	7.49
14" 4 hole, short	16040-002	7.49
16" 3 hole	16022-002	7.99
16" 4 hole	16023-002	7.99
16" 4 hole, short	16057-002	7.99
18" 5 hole	16085-002	8.99

FOR FORD
Uses ⅞" Clip Head Bolts

14" 3 hole	16024-002	7.49
14" 3 hole, short	16038-002	7.49
14" 4 hole	16058-002	7.49
16" 3 hole	16025-002	7.99
16" 4 hole	16072-002	7.99

FOR IHC
3 hole uses ⅞" bolts, 4 hole uses one ½" & three ⅞" bolts

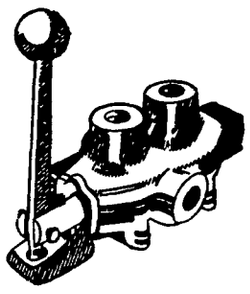
14" 3 hole	16026-002	8.29
14" 4 hole	16027-002	8.29
14" 3 hole, short	16073-002	8.29
14" 4 hole, short	16074-002	8.29
16" 4 hole short	16075-002	8.99
16" 3 hole	16028-002	8.99
16" 4 hole	16029-002	8.99
18" 4 hole	16098-002	9.49

FOR MASSEY FERGUSON
Uses ⅞" bolts, 4 hole uses one ½" & three ⅞" bolts

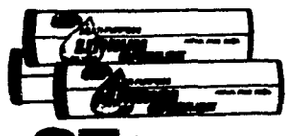
14" 3 hole	16026-002	8.29
14" 4 hole	16027-002	8.29
14" 4 hole	16058-002	7.49
16" 4 hole	16080-002	7.99
16" 4 hole	16097-002	8.99

FOR OLIVER and MINN.-MOLINE
Uses ⅞" Clip Head Bolts

14" 3 hole	16034-002	8.29
14" 3 hole short	16076-002	8.99
14" 4 hole	16035-002	8.29
14" 4 hole short	16041-002	8.29
16" 3 hole	16036-002	8.99
16" 4 hole	16037-002	8.99
16" 4 hole short	16042-002	8.99
16" & 18" 5 hole for Oliver only	16088-002	9.49



46.99
4510-008
4-Way Hydraulic Control Valve
Fully balanced self centering, built in relief valve, easy mounting Relief valves are factory set at 1500 psi



65¢
13999-272
Grease Cartridges
Top quality multi-service, Super Lithium grease 25 cartridges per case

SAVE up to 7.00
Mufflers
For Allis Chalmers

Model	Stock No.	Price	SALE
B, C CA, RC, to 1952 1½" dia	8043-123	9.29	7.99
B, CA, D10, D12, D14, D15 to ser #9001, 1⅝" dia	8041-123	13.49	11.99
WD, WD45, D17 up to 1961, 1⅝"	8042-123	12.98	11.49

For Case

VC, 350, 500 800 300, VA series 200B 300B, 400B 500B, 2" dia	8046-123	11.49	9.99

For John Deere

B series after Serial No B98000, 50, 520, 530, 2½" dia	8053-123	9.99	8.99
A, G, 60, 70, 620, 720 2½" dia	8054-123	12.29	10.49
M, 40 MT series with welded 2-hole Flange, 2" dia	8112-123	11.69	10.49
3010 3020, 4010, 4020, series gas & LP, 3010 diesel to ser #1T8643, 4010 diesel to ser #2T7026	8114-123	19.79	17.49
4010 diesel after ser #2T7026 4020 diesel	8121-123	24.29	20.99

For Ferguson

TO20 TO30 1-piece muffler and pipe assembly, horizontal, 1½" dia	8064-123	11.99	10.49

For Ford

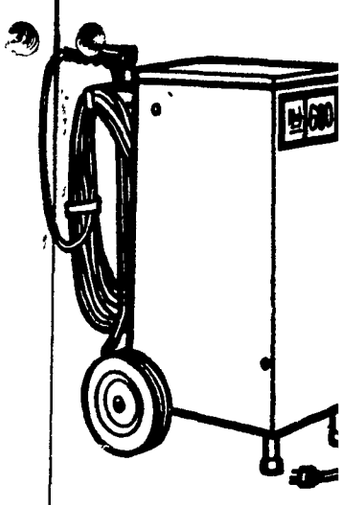
8N, 2N 8N 1939-52 horizontal, 1⅛" dia	8070-123	11.29	9.99
NAA, 501, 600, 700 2000 1953-64, 800, 900, 1955-57 horizontal, 1½" dia	8072-123	8.99	7.29
9N, 8N 2N upright muffler and pipe assembly 1½" dia 2000, 3000, 4000 5000, gas and diesel, 1965 to May 1968 (use 8162-123 adapter)	8075-123	14.99	13.49
	8160-123	16.99	14.99

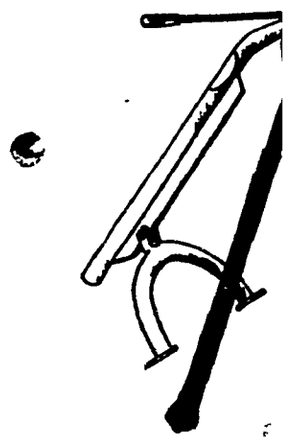
For IHC

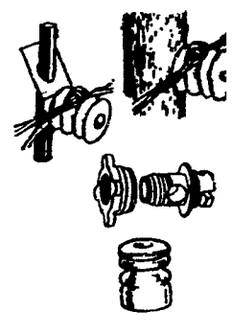
H, M 350, MD, 300, Super H WH, WD6, 400, 400, Super M, Super MTA, 340, 460, 560, 2½" dia	8062-123	11.79	10.49
140, 130, 100, Super A, AV, B, BN, 240, 230, C Super C, 340, 2" dia	8085-123	11.99	10.99
706, 806 gas and diesel, 3" dia.	8126-123	17.99	15.99

For Oliver

66, 77 88 Super (cut hole in hood)	8104-123	9.79	8.99
770, 880, 1600, 1650G, 1800D	8105-123	14.99	12.99





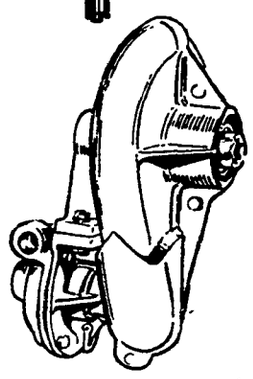


6.49
Reg 6 99 / SAVE 7%
16085-002 Right Hand
16089-002 Left Hand
Twisted Chisel Spikes
Uses 2¼"-2½" spacing

6.49
12795-001 2¼" Spacing
12796-001 2½" Spacing
Straight Chisel Spikes
2"x¾"x17" for 22" shank.

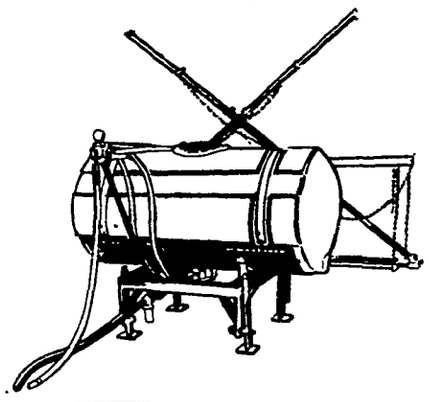
169.99
Reg. 189.99 / SAVE 20.00
23137-191
Portable Transfer Pump
This is a powerful pump that eliminates the use of air compressors or 110 volt electricity as a power source. Motor and switch totally enclosed Pumps up to 16 GPM on a 12 volt system and 10 GPM on a 6 volt system Hose and nozzle not included Wt 20 lbs

22.99
13998-272
35 Lbs. Lithium Grease

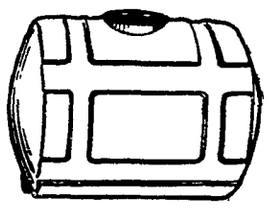


159.99
16475-100
Ace Centrifugal Pump
Mounts directly on power take-off shaft Sprays 20 gpm at 80 psi when driven by 800 rpm PTO All iron construction, sealed ball bearings, spring loaded idler, OSHA approved safety shield.

20.99
5 Gallon 13983-272
CT Lube Universal Hydraulic Oil
A universal hydraulic fluid which is recommended for tractors with a common sump for transmission final drive and hydrulic systems

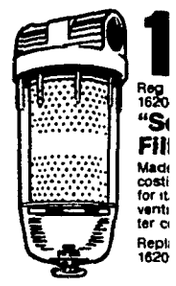


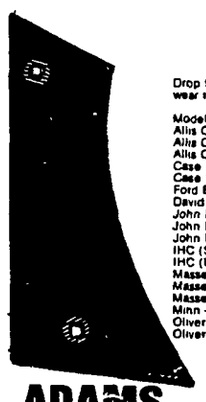
649.99
Reg 699 99 / SAVE 50 00
150 gallon 16521-100
689.99 200 gallon 16714-100
Reg 849.99 / SAVE 40 00
3 Pt. Sprayers
Quick, easy to attach, and simple to operate 3-point hitch 8 row sprayer with polyethylene tank Fits tractors with Cat 1 or 2 three point hitches ⅞" pins for category 1, order bushings to bush ⅞" pin to 1⅛" for category 2 Less pump and lower link pins



POLYETHELENE SPRAYER TANKS

Size	Stock No	Reg	SALE
25 gallon 22½" dia x 18" long	17549-100	49 99	44.99
65 gal Upright 23 dia. x 42"	17563-100	79 99	74.99
110 gallon 30" dia x 47" long	16597-100	99 99	94.99
150 gallon 32" dia x 55" long	16534-100	129 99	119.99
200 gallon 32" dia x 71" long	16665-100	159 99	149.99
200 gallon 38" dia x 53" long	16535-100	159 99	149.99
300 gallon 38" dia x 75" long	16536-100	214 99	199.99





Everyday Low Price
PLOW SHINS
For Plow Bottoms using Blade Type Shares
Drop forged out of high carbon steel Added thickness is forged where severest wear is encountered Order bolts separately as shin price does not include bolts

Model	Mfg No	Stock No	Price
Allis Chalmers 14 or 16	324940	16007-002	6.49
Allis Chalmers 375 series 14" or 16	340971	16053-002	6.89
Allis Chalmers 387 series 14" or 16"	347849	16083-002	6.49
Case 14	W105485	16008 002	6.79
Case 16"	W165485	16038-002	6.99
Ford Economy 12" 14" or 16"	104403	16009-002	6.49
David Brown 14" or 16"	HS10S	16084-002	6.49
John Deere RH 14	8195A	16010-002	6.49
John Deere RH 16"	8196A	16011-002	6.69
John Deere NU 14" or 16"	NU	16098-002	6.79
IHC (SC) 14" or 16"	522325R	16012-002	6.49
IHC (PC) 14" or 16"	515680	16772 263	6.79
Massey-Ferguson 14" or 16"	660-020-M91	16013-002	6.39
Massey Ferguson 14 or 16	475191	16783-263	6.39
Massey Ferguson 88 series 14 or 16"		16787 263	5.49
Minn -Moline 14" or 16"	20P40	16786-263	5.49
Oliver 12" 14 or 16	7488 (narr)	16015-002	6.49
Oliver 12" 14" or 16"	7490 (wide)	16016-002	6.19

ADAMS MADE IN U.S.A.

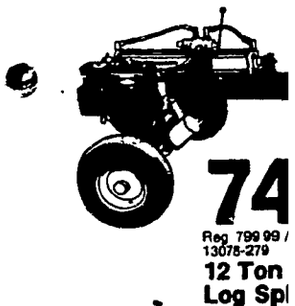
ADAMS MADE IN U.S.A.

SAVE up to 5.00
MOLDBOARDS
For Plows With Throw-A-Way Shares

Model	Mfg No	Stock No	Reg	Sale
Deere 14"	HS314	16983-263	32 99	28.99
Deere 16"	HS316	16984-263	40 99	35.99
John Deere NU 14"	AA14884	16708-263	45 99	40.99
John Deere NU 16"	AA14885	16799-263	45 99	40.99
Ford 14"	104409	16998-263	36 99	32.99
Ford 16"	104412	16997-263	40 99	35.99
IHC Super-Chief 14"	522328R1	16700-263	33 99	29.99
IHC Super-Chief 16"	522329	16701-263	37 99	33.99
IHC Super-Chief Hi-Speed 14"	482313	16800-263	39 99	35.99
IHC Super-Chief Hi-Speed 16"	482314	16801-263	40 99	35.99
Minneapolis Moline or Oliver 14"	R419-14	16786-263	38 99	34.99
Minneapolis Moline or Oliver 16"	R619-16	16787-263	41 99	36.99

2.33
24677-282
6' Steel "T" Post
2.56
24680-282
6½' Steel "T" Post
Strong, durable studded "T" post with enamel finish for longer life Includes five clips for attaching fence to post.

Hydraulic Cylinders
Up to 2500 psi , 16" cylinders have 31½" retracted length, 24" stroke cylinders have 34¼" retracted length 4" cylinder has 1¾" rod and 34¼" retracted length:
3"x8" 6501-017 **49.99**
3½"x8" 6585-017 **59.99**



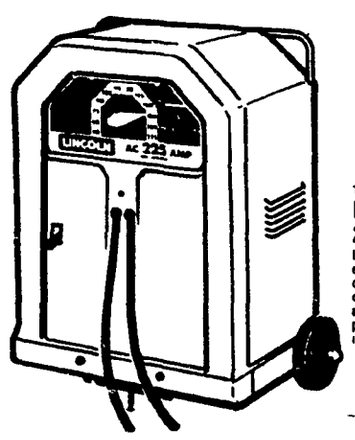
74
Reg 799 99 /
13078-279
12 Ton Log Spl
Splitting ca
model is up
stage pump
cylinder strol
16 Ton Splitt
12980-279

EVERY DAY LOW
5.49
16" 11 gauge plain blade
Heat Treated Plain Disc Blade

18" 11 ga	NOW 6.79
18" 9 ga	NOW 7.99
20" 9 ga	NOW 9.79
20" 7 ga	NOW 12.49
22" 7 ga.	NOW 14.99
24" x ¼"	NOW 25.99

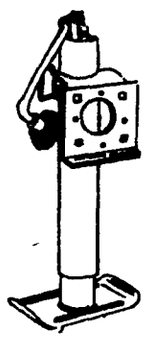
Notched Blades

16" 11 ga	NOW 5.49
18" 11 ga	NOW 6.99
18" 9 ga	NOW 8.19
20" 9 ga	NOW 9.99
20" 7 ga	NOW 12.99
22" 7 ga.	NOW 15 99
24" x ¼	NOW 26.99



139.99
18040-115
Lincoln 225 Amp Arc Welder
Includes ground clamp Insulated electrode holder 15' electrode cable, 10' ground cable, 6' input cable with plug, female receptacle and helmet Uses 220 volt, 60 cycle power source Wheels not included

29.97
24672-282
4 Pt. Barb Wire
12½ gauge, 4 pt. wire, 5" spacing 80 rod spools. Made in USA.



19.99
12656-040
Swivel Jack
Flat bottom Assembly may be turned 90° horizontal or vertical Locking handle holds device in any position

OW LS

SAVE up to 7.30

Mufflers

For Allis Chalmers

Model	Stock No.	Price	SALE
B, C CA, RC, to 1952 1⅛" dia.	8043-123	9 29	7.99
B, CA, D10, D12, D14, D15 to ser #9001, 1⅛" dia.	8041-123	13 49	11.99
WD, WD45, D17 up to 1961, 1⅛"	8042-123	12 98	11.49

For Case

VC, 350, 500 800 300, VA series 200B 300B, 400B 500B, 2" dia.	8046-123	11 49	9.99

For John Deere

B series after Serial No B98000, 50, 520, 530, 2½" dia.	8053-123	9 [illegible]	[illegible]
A, G, 60, 70, 520, 720 2½" dia.	8054-123	12 29	10.99
M, 40 MT series with welded 2-hole Flange, 2" dia.	8112-123	11 69	10.49
3010 3020, 4010, 4020, series gas & LP, 3010 diesel to ser #1T8643, 4010 diesel to ser #2T7026	8114-123	19 79	17.49
4010 diesel after ser #2T7026 4020 diesel	8121-123	24 29	21.99

For Ferguson

TO20 TO30 1-piece muffler and pipe assembly, horizontal, 1½" dia	8064-123	11 99	10.49

For Ford

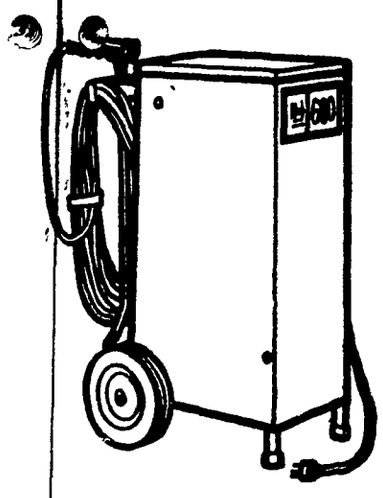
8N, 2N 8N 1939-52 horizontal, 1⅛" dia	8070-123	11 29	9.99
NAA, 501, 600, 700 2000 1953-64, 800, 900, 1955-57 horizontal, 1½" dia.	8072-123	8 99	7.99
9N, 8N 2N upright muffler and pipe assembly 1½" dia 2000, 3000, 4000 5000, gas and diesel, 1965 to May 1968 (use 8182-123 adapter)	8075-123	14 99	13.49
	8180-123	16 99	14.99

For IHC

H, M 350, MD, 300, Super H W6, WD6, 400, 400, Super M, Super MTA, 340, 460, 560, 2½" dia	8062-123	11 79	10.49
140, 130, 100, Super A, AV, B, 8N, 240, 230, C Super C, 340, 2" dia	8085-123	11 99	10.99
706, 806 gas and diesel, 3" dia.	8126-123	17 99	15.99

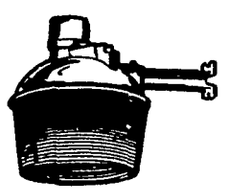
For Oliver

66, 77 88 Super (cut hole in hood)	8104-123	9 79	8.99
770, 880, 1600, 1650G, 1800D	8105-123	14 99	12.99



319.99
Reg 339 99 / SAVE 20 00
25402-293
High Pressure Washer
Handy cart mobility 500-600 psi, automatic mixing for easy cleaning and spraying Built-in tank eliminates the need for bottles etc Special duty ¾ Hp motor 5-way valve selects cleaning phase desired 100% chemical, metered chemical, rinse tank filling, and off 2 gpm pump 6 ft grounded power cord 35½" high, 15½" wide, 18⅜" deep Requires 15 amps power at 115 volts

SAVE up to 5.39
Galvanized Steel Wire
Smooth galvanized steel wire for use with electric fence chargers
17 ga. ¼ mi. 19102-150 Reg 10 47 **7.88**
14 ga. ¼ mi. 19112-150 Reg 21 88 **16.49**



29.99
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28200-311
Mercury Vapor Security Light
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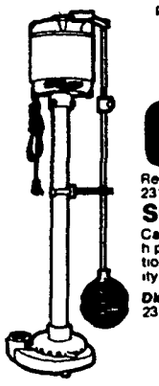

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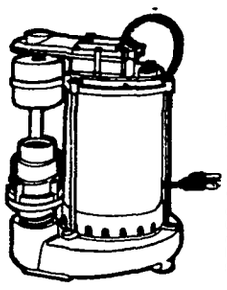

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23167-191
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27602-265
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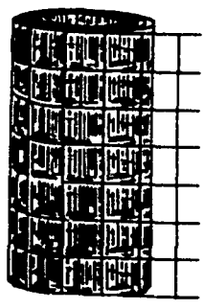

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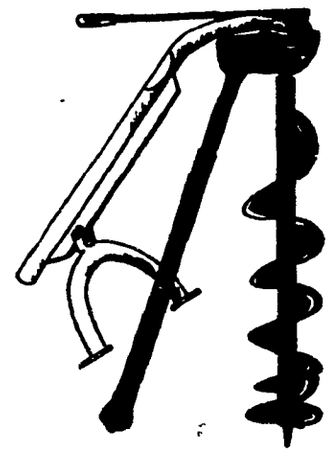

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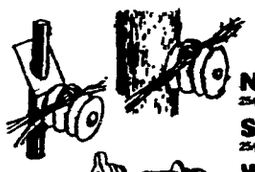

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Nail Type 25/pk 17879-130 Reg 1 75 **1.35**
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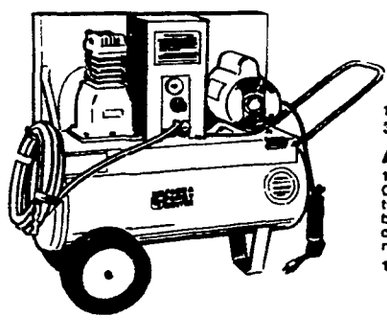

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10 gallon tank, 4 4 CFM displ 2 9 CFM at 40 p s i Dial-O-Matic control with easy to read gauge enables you to dial the pressure desired-no additional regulator needed
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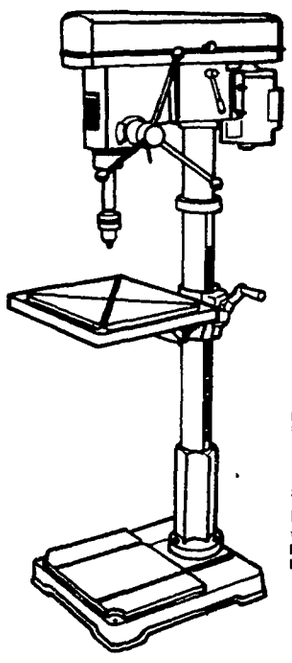

189.99
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229.99 Floor Model 30004-423 Reg 259 99 / SAVE 30 00
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⅝" capacity, 16 speeds (280 to 2800 RPM) All ball bearing spindle and drive

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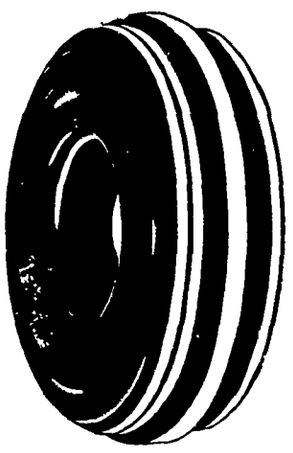

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Size	Stock No	F E T	Reg Price	SALE Price
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5 50-16	15401-238	88	34 99	31 99
6 00-16	15402-238	96	35 99	32 99
6 00-16	*15403-238	1 03	40 99	37 99
6 50-16	*15428-238	1 20	43 99	40 99
7 50-16	*15429-238	1 53	55 99	51 99
7 50-18	*15447-238	1 73	68 99	63 99
4 00-19	15423-238	66	29 99	27 99

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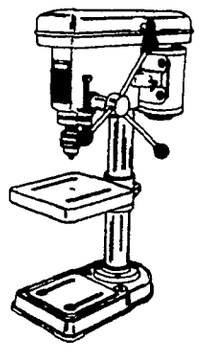

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Reg 99 99 / SAVE 10 00
30127-423
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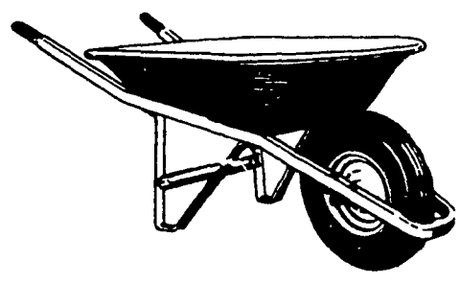
4" throat depth with ½" drilling capacity, 2" spindle stroke and depth stop All ball bearing ¼ Hp motor Slotted tilting table Heavy duty cast iron construction throughout



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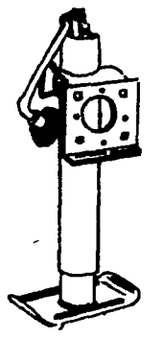

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12656-040
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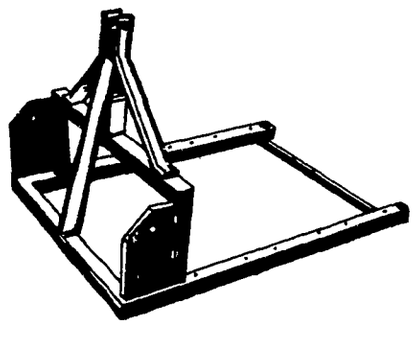

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Should cattle cross Mexican border without tests

WASHINGTON, D.C. — U.S. Department of Agriculture officials are asking the public to comment on a proposed animal import regulation that would make it easier for cattle feeders to bring Mexican feeder cattle into the United States, feed the cattle here, then return them to Mexico.

John K. Atwell, deputy administrator of USDA's Animal and Plant Health Inspection Service, said the proposal would permit female cattle and bulls to enter the United States without brucellosis tests.

Currently steers and calves under six months of age — and cattle for immediate slaughter — are exempt.

Under the proposal, cows, heifers and bulls could move only to approved quarantined feedlots under custom bond, with return directly to Mexico, Atwell said.

In addition, female cattle and bulls imported for feeding under these fules would have to be hot branded with the letter "S" — which stands for slaughter only — and moved under USDA seal to the quarantined feedlot.

On arrival, they would have to be placed in pens under USDA seal and maintained separate from other livestock. At the end of the feeding period, all animals would have to be accounted for and, along with any offspring, moved under seal from the feedlot to Mexico.

Under the proposal, USDA would control cattle movement by requiring import permits. Cattle currently imported from Mexico normally do not require import permits.

However, cattle being imported from Mexico must have health certificates showing they are free from disease; and female cattle and bulls of certain ages have to be tested for brucellosis.

Under the proposal, brucellosis test requirements would be waived, but all cattle — including steers — would have to be tested for tuberculosis and checked for fever ticks at the border.

"USDA granted special permission for two studies on shipping Mexican heifers into the United States under similar procedures this past spring and fall to test the feasibility of the proposed change in import requirements," Atwell said. "Our experience with the test heifers indicates to us that such imports can be made with minimal disease risk."

Comments on the proposed new rules may be submitted through Feb. 22 to the deputy administrator for veterinary services, APHIS, USDA, room 870 Federal Building, 6505 Belcrest Rd., Hyattsville, Md. 20782. The proposal was published in the Dec. 23 Federal Register.

U.S. beets "beat" European varieties

ANAHEIM, Ca. — In comparison trials at several widely-scattered locations, U.S. sugarbeet hybrids outperformed European fodder beets for potential use in producing alcohol fuel, a U.S. Department of Agriculture plant geneticist reported.

J. Clair Theurer, of USDA's Agricultural Research Service, Logan, Utah, said that if he were to recommend a beet for alcohol fuel production today, it would be a good U.S. sugarbeet hybrid adapted to the specific location where the crop was to be grown.

Said Theurer, "Widespread interest has been generated the past few years regarding the potential use of European fodder beets (beets produced as animal feed) for alcohol fuel production because their root yields are so much higher than sugarbeets.

"We compared the total fermentable sugar and potential fuel production of the best fodder beets with that of the best adapted commercial sugarbeet hybrids at six U.S. locations: Salinas, Calif.; Aberdeen, Idaho; Logan, Utah; Fort Collins, Colo.; East Lansing, Mich.; and Fargo, North Dakota."

The fodder beets scored higher root yields than the sugar beets, according to Theurer, but lagged significantly in sucrose percentage and overall sugar yields which determine how much fuel can be extracted.

"Potential alcohol production from both types of beets ranged from 427 to 1,013 gallons per acre," said Theurer, with the U.S. beets in the superior bracket.

Renderers exempt from garbage treatment regs

WASHINGTON, D.C. — U.S. Department of Agriculture officials are proposing to exempt rendering plants from swine health protection regulations that were scheduled to go into effect Jan. 1.

"The regulations require licensing of, and set standards for, processors who treat food wastes for feeding to swine," said L. W. Schnurrenberger, a veterinary official with USDA's Animal and Plant Health Inspection Service. "Renderers fall within this definition, but there is no need to license them since the rendering process far exceeds USDA treatment standards."

Food wastes to be fed to swine must be treated to destroy any disease organisms. Rendered products such as bone meal, animal protein meals, grease and tallow are produced by cooking food wastes at 240 F or higher for at least one and one-half hours. Schnurrenberger said USDA swine health protection regulations require boiling at 212°F for a minimum of one-half hour.

Comments on this proposal should be submitted by Jan. 12 to the deputy administrator for veterinary services, APHIS, USDA, room 870, Federal Building, 6505 Belcrest Rd. Hyattsville, Md. 20782. The proposal was published in the Dec. 23 Federal Register.

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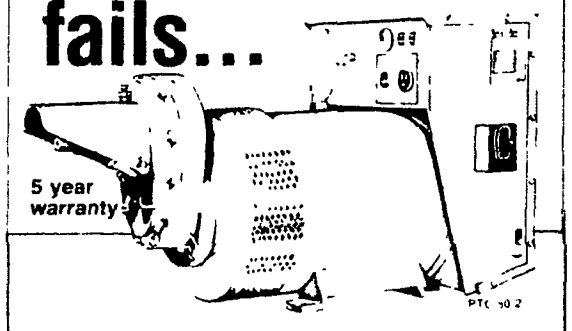

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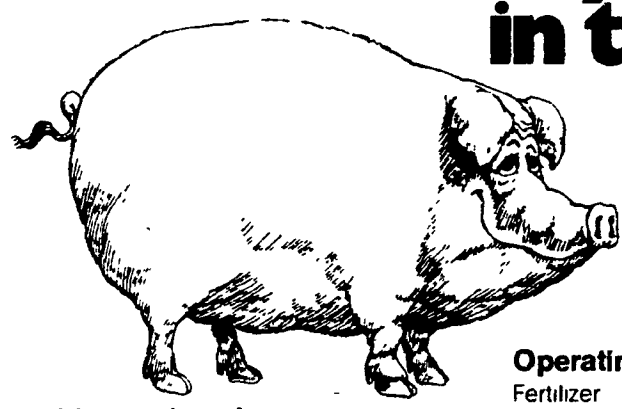

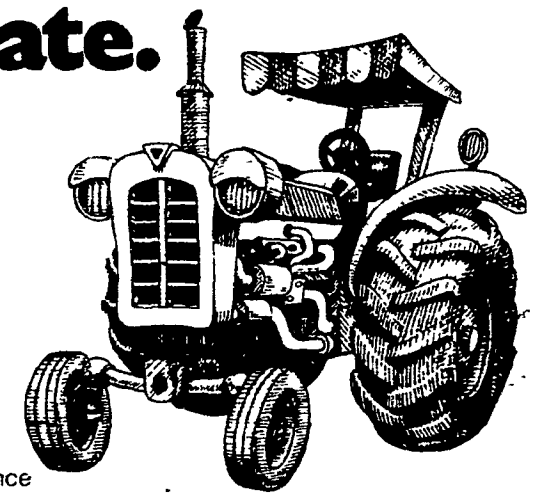

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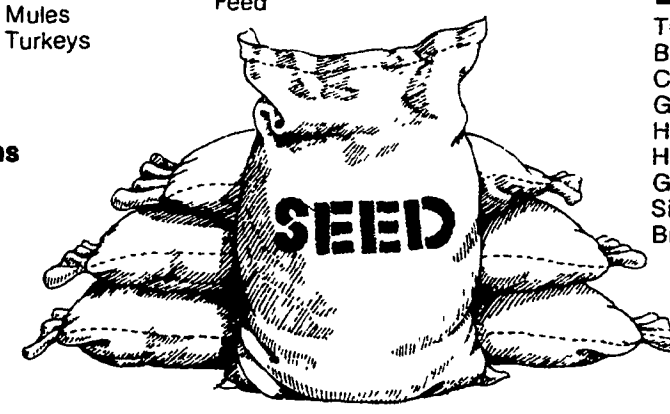

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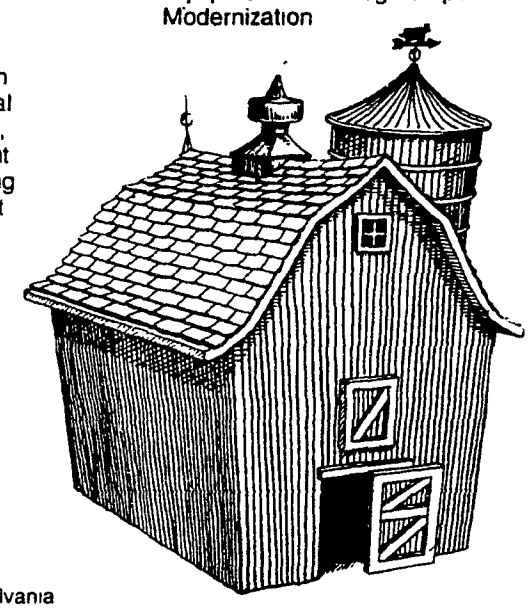

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Farm Talk

Jerry Webb

Production control or subsidies

American farmers are counting heavily on the world market as a solution to their production problems. The fact is, American farmers are just too productive for their own good. They can grow more food than we can eat. This means depressed farm prices for many commodities. Right now it also means economic disaster for a lot of farmers.

Currently, about one in five American acres is producing for the world market, but that's still not enough. Surpluses are mounting, record crops have been harvested, and farmers are looking to the government and to the private sector to improve those world markets.

Secretary of Agriculture John Block has made some pretty strong statements to some of our European friends about the way they dump their commodities on the world market with the government picking up the tab. He thinks it's unfair to American farmers, and he wants them to stop. So do American farmers, but *it's not apt to happen.*

The European community, 10 nations with similar agricultural policies that have banded together, are making it rough on American farmers in the world market and I don't think you can expect drastic changes just because our farmers are in trouble. Their farmers are in trouble also. The only thing that's saving them is a government policy that buys up surpluses and dumps them on the world market.

The general policy of the European community is to maintain high farm prices. This has meant large surpluses that are bought up by the government, including dairy products, sugar, wheat, barley, beef, veal, poultry, even wine. Their solution to this surplus is to dispose of it in the world market, providing whatever subsidy is necessary to create a competitive advantage.

That's what Secretary Block has been talking about and that's what he wants changed. He thinks it's unfair for the European community to subsidize its own agriculture in the world market. He's saying that unless the Europeans back away from that policy to some degree, the American government will do the same thing.

You can be sure there'll be a lot of discussion and debate before the American government heavily subsidizes our farmers in the world market. While farmers might consider it appropriate in view of their competition, it would be expensive and could create more problems than it solves. After all, the Europeans really haven't solved their farm problems—they've just put the burden on someone else.

Department of Agriculture data suggest that such internal policies within the economic community have generated prices well above the world market—in many cases, double or even triple the world price. These high price supports combined with no production controls have caused substantial surpluses. Examples: sugar production, 150 percent above domestic needs; meat production, at 105 percent of domestic use; and significant surpluses of dairy products. While this has meant economic good times for European farmers, the cost to the government has been staggering. Current figures indicate that European community export subsidies amount to about $3 out of every $10 in agricultural product sales to noneconomic community markets.

In other words, the government is picking up the difference between what it pays farmers and what it can sell a commodity for in the world market. On the average, this has amounted to about a third of the value of the product.

One key to business success is to buy low and sell high. It seems the European community has been able to reverse that philosophy—buy high from its own farmers, sell low in the world market, and let the taxpayers pick up the difference. It's meant a certain amount of prosperity in agriculture and a bountiful food supply, but at tremendous cost.

These questions must be asked as far as our own agriculture is concerned: Is the government truly willing to subsidize American agriculture in the world market? If so, at what level? For what commodities? And at what rate of production?

Given suitable high farm prices, American farmers could increase current production by a tremendous amount. Eight-dollar soybeans, four-dollar corn and current record crops would look small compared to future production.

Would taxpayers be willing to foot that kind of bill just to see prosperity in agriculture and an assured bountiful food supply? I don't think so. It will take much harder times in rural America and much higher prices in the supermarkets before taxpayers will support a plan similar to what is in place in Europe right now.

So although Secretary Block talks about subsidizing American farm goods in the world market, I don't think farmers should count on it happening in the near future. A more obvious and less expensive approach is to control production. If farmers can somehow manage to cut back production in an organized way, they can get their price increases without tremendous governmental involvement.

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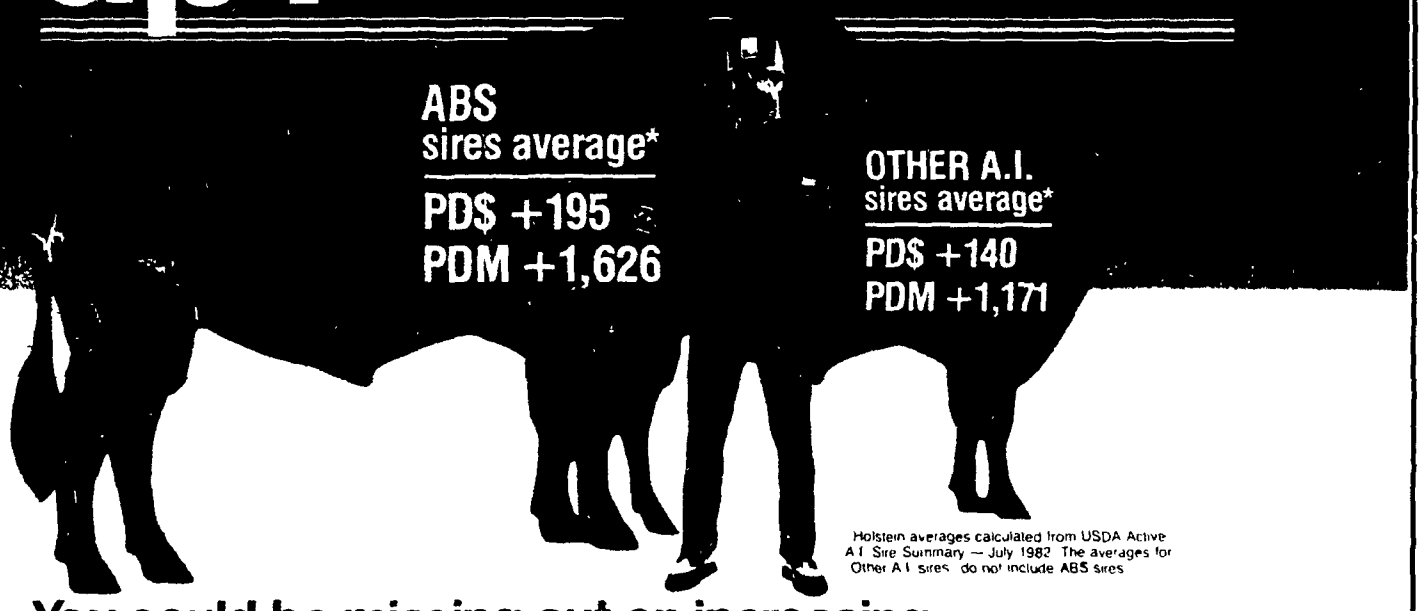

Holstein averages calculated from USDA Active A.I. Sire Summary — July 1982. The averages for Other A.I. sires do not include ABS sires.

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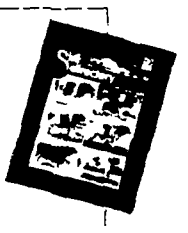

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Chapple joins Del. Dept.

NEWARK, Del. — Richard Chapple has joined the department of animal science at the University of Delaware, according to department chair John K. Rosenberger.

Chapple is a native of St. Charles, Mo. and an alumnus of 4-H and FFA. He holds bachelor's and master's degrees in animal science from the University of Missouri at Columbia, and has just completed his doctoral work at the University of Illinois at Champaign.

Chapple's work involved an attempt to speed up the weaning of baby pigs in order to increase production. Pigs require one set of enzymes to digest milk, and another set to digest cereal. The latter set does not normally develop until the animal is about four weeks old. Using hormones, however, Chapple was able to induce production of these enzymes when the pigs were only two weeks old. He had to control dosage carefully, however, in order to avoid detrimental side effects.

He plans to continues which this line of research at Delaware, as

Richard Chapple

well as basic research on hog digestion. He also will teach a class in livestock production and management.

xxx

The average age for all Pennsylvania farmers declined from 50.5 year to 49.8, below the U.S. average of 50.1 years, from 1969-78.

No-till gets job done

COLLEGE PARK, Md. — No-till farming continues to make slow but steady gains in Maryland as more and more farmers abandon the plow.

About 29 percent of the state's corn in 1982 was planted by the no-till method, up 2 percent over 1981. About 45 percent of the soybeans was no-till planted, an 11 percent jump from the previous year.

According to a recent U.S. Soil Conservation Service survey, Mayland farmers are using conservation tillage no-till or minimum tillage — on about three-quarters of the corn and soybean acreage. Minimum tillage on corn dropped slightly to 46 percent in 1982. For soybeans, it increased slightly to 33 percent. For all crops, conservation tillage stayed the same in 1982, at 70 percent.

Conventional tillage methods are being used on only 25 percent of the corn and 22 percent of the soybean acres.

James Hannawald, SCS state agronomist, predicts that Maryland farmers will continue to switch to no-till as their old moldboard plows wear out and they're pressed to buy new equipment.

"The gradual shift to no-till planting is due in large part to peer pressure," Hannawald says. "Farmers are seeing their neighbors who are using no-till get the job done faster and easier while saving soil to boot. Their yields are also increasing after the first year because the trash or residue left during no-till conserves moisture in the soil."

University of Maryland studies show that no-till can increase corn yields as much as 25 bushels per acre over conventional tillage. The yield advantage increases in dry summers and decreases in wet summers.

No-till alone can reduce erosion by 50 to 90 percent over conventional tillage. Saving soil also means keeping fertilizers and chemicals on the land and out of streams, Hannawald says. "That's a wise investment for farmers and for society," he added.

Berks poultry fanciers join ranks

ROBESONIA — Berks County poultry producers recently formed a new association. Called the Berks Poultry Fanciers Association, the new organization was established Dec. 1, 1982.

According to spokesman Steve Shott, the purpose of the organization is "to promote the breeding and exhibiting of all standardbred poultry, to provide an educational and social atmosphere for its members, to inform and educate the public about exhibition-type poultry, and to promote poultry shows."

Membership is open to all large fowl, bantam, and waterfowl breeders at $5 per year. Meetings are held the first Monday of every month at the Berks County Agricultural Center. The next meeting is scheduled for Jan. 3 at 8 p.m.

For more information, contact: Steve Shott, 215/693-6446, Robesonia; Muard Naugle, 215/488-6778, Strausstown; Edwin Groff, 215/376-7566, West Reading; or Jere Price, 215/689-9695, Yellow House.

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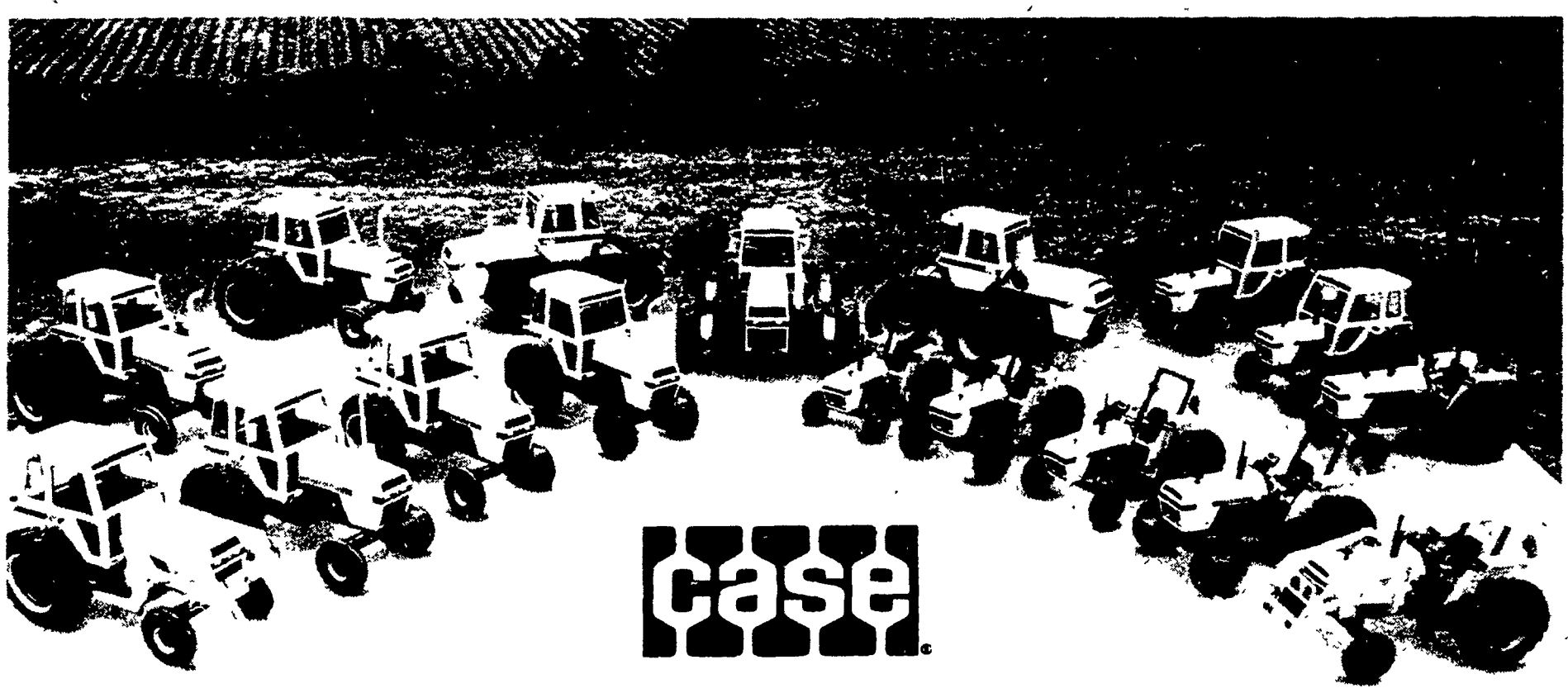

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Block names new official for small community, rural development

WASHINGTON, D.C. — Secretary of Agriculture John R. Block recently announced the appointment of James H. Johnson, 39, as acting deputy under secretary of agriculture for small community and rural development.

Johnson will report to Under Secretary Frank Naylor, with whom he will share general oversight of the Farmers Home Administration, the Rural Electrification Administration, the Federal Crop Insurance Corporation and the Office of Rural Development Policy.

Johnson has been employed with USDA since early 1981 as a special assistant to Block. He handled a variety of special assignments and had responsibility for implementing the president's economic recovery program wiithin the USDA.

He handled a variety of assignments, including liaison with the White House, Congress and agricultural trade associations, paperwork reduction and debt collection management.

A native of Jones County, Miss., Johnson, before coming to Washington, was president of the Johnson Development and Construction Corporation, home builders and commercial contractors. He was vice president of a real estate brokerage and interior design firm, and vice president of a contract clearing service in Mississippi.

Johnson is a former director of the Laurel, Miss., Chamber of Commerce and served as an official on civic boards and groups including the United Givers Fund, Rotary and the Boy Scouts of America.

Johnson resides in Arlington County, Va., with his wife and three children.

In his new post, Johnson replaces Ruth Reister, who left federal service earlier this month to return to her home and private business in Minneapolis.

FIRE DESTROYS
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Wind energy not cheap

COLLEGE PARK, Md. — The wind may be free, but getting it to deliver power as an alternative energy source costs money.

That is one reason why wind energy conversion systems for farm or family use are fighting a "head wind," so to speak: The user must wait years in most cases to realize a return on the original investment.

One way to overcome this, say agricultural engineers, is to find a system that will increase power output over conventional systems. The more power output, the more cost-effective the system.

Agricultural engineers at the University of Maryland have done just that.

Using a windmill-type contraption called a Savonius rotor, the engineers literally turned the equipment on its side and found that under the right conditions they could squeeze up to 99 percent more power than when the system was in its normal vertical position.

The change also reduced excessive vibration found in the original system.

According to the engineers, no one until now has thought of merely changing the orientation of the Savonius system to increase efficiency.

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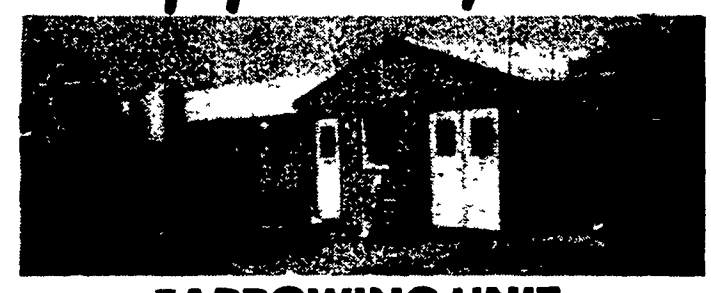

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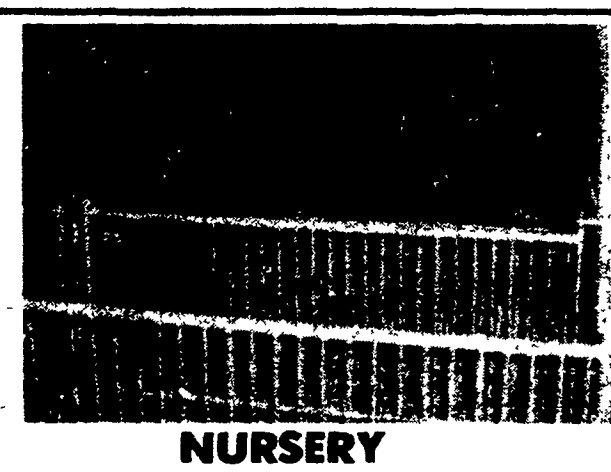

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Game Commission plans Game Protector class

HARRISBURG — The Pennsylvania Game Commission announced recently that the state Civil Service Commission is accepting applications for Game Conservation Officer Trainees.

The final date to apply to take a written examination for the poisitions will be Friday, Jan. 21, 1983.

Applicants who pass the written test, which will be given at various testing centers located throughout the state, will be assigned to oral examinations to be held at a later date.

The examinations will ultimately provide a list of eligibles from which will be selected approximately 30 persons who will undergo a formal 40-week training program, beginning in July 1983, as Game Conservation Officer Trainees.

Most of the training will be conducted at the Pennsylvania Game Commission's Training School near Brockway, Jefferson County.

During the training program, trainees will be paid $500.80 biweekly. Meals, lodging, uniforms, equipment, etc., will also be provided by the Game Commission.

Those who successfully complete the training program will be eligible for promotion to the class of Game Conservation Officer at a current annual starting salary of $17,317.

A Game Conservation Officer is responsible for the proper execution of all Game Commission programs and policies within an assigned geographical area, as a district game protector.

Game Conservation Officers are subject to 24-hour call, are frequently required to work long and irregular hours, and are exposed to an element of danger.

Applicants must be Pennsylvania residents, of good moral character, and physically capable of performing the duties of a game protector. In addition, they must be high school graduates or possess certification of equivalent training.

Anyone who applies will be required to possess a current Pennsylvania automotive operator's license at the time of entrance into the Training School. The applicant also must be able to pass job-related medical and physical fitness examinations as soon as possible following the oral examination.

Trainees are required to reside at the Training School during the training program.

There are no facilities available at the school for the families of trainees.

After graduation from the Training School, officers must agree to reside and accept assignments to duty at any location throughout the state without regard to the location from which the employee was recruited. Game Conservation Officer assignments are based on manpower needs, and officers must accept rotating assignments as the Game Commission may require, irrespective of their length of service or marital or dependency status.

Applicants are subject to an indepth confidential character and loyalty investigation with results acceptable to the commonwealth before appointment.

Requirements for applicants follow:

- As of July 1, 1983, applicants must be at least 21 years of age.
- Height and weight must be proportional, with verification being made during the physical examination.
- Must be able to pass vision test with each eye, and the applicant must have the ability to distinguish colors accurately and have normal depth perception.
- Normal hearing perception is required.

(Turn to Page E32)

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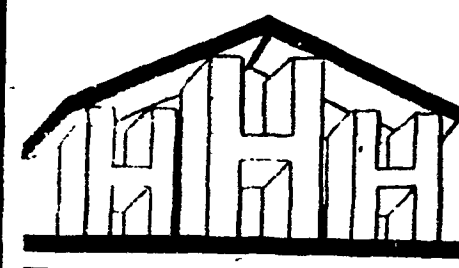

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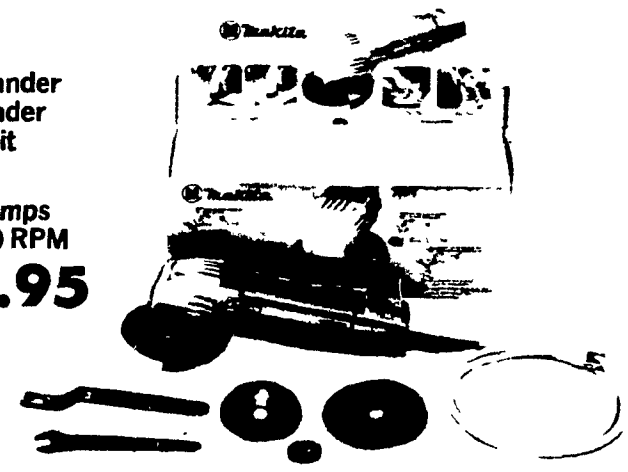

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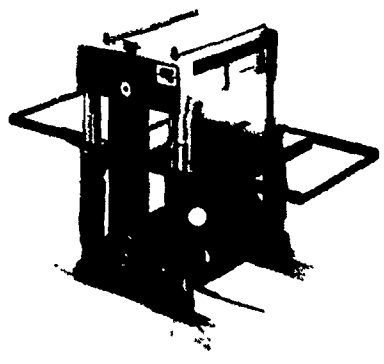

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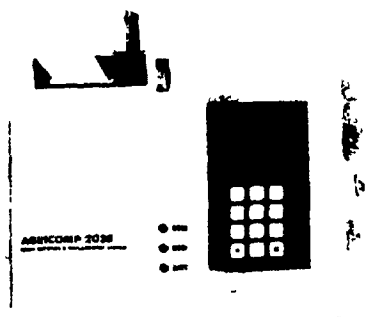

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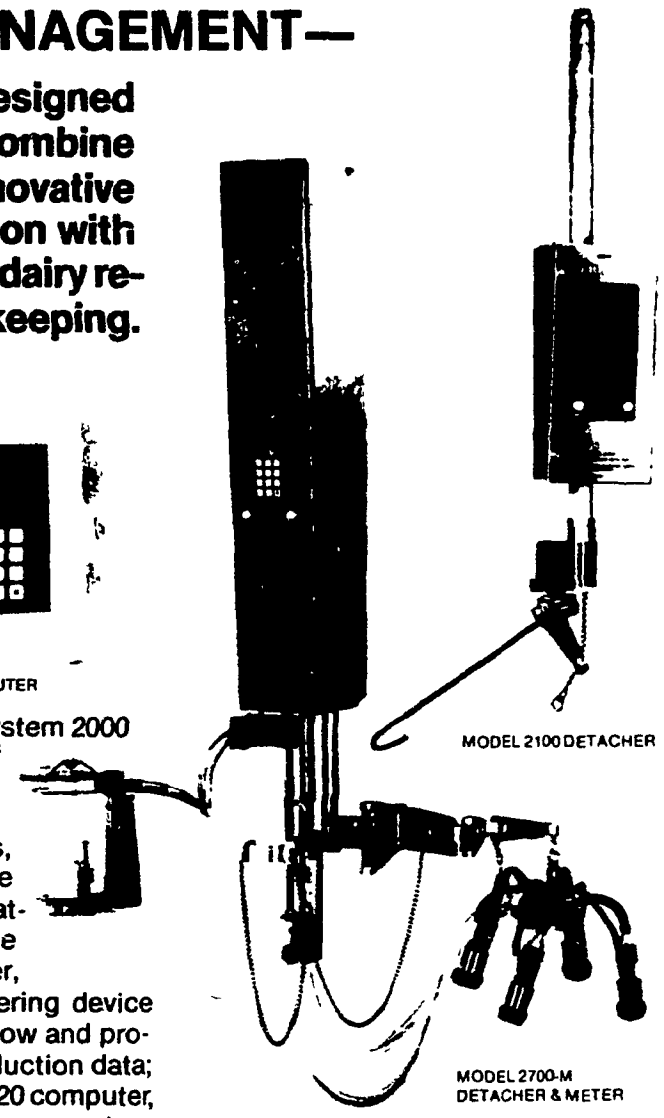

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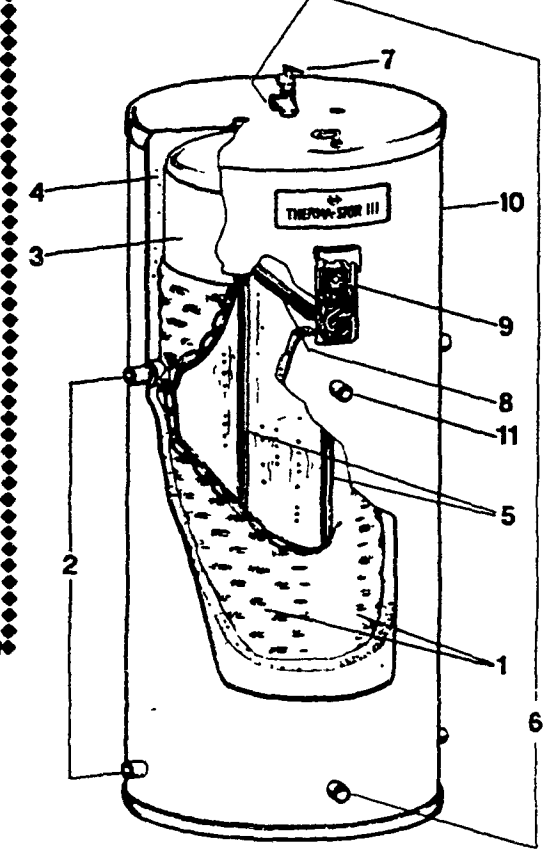

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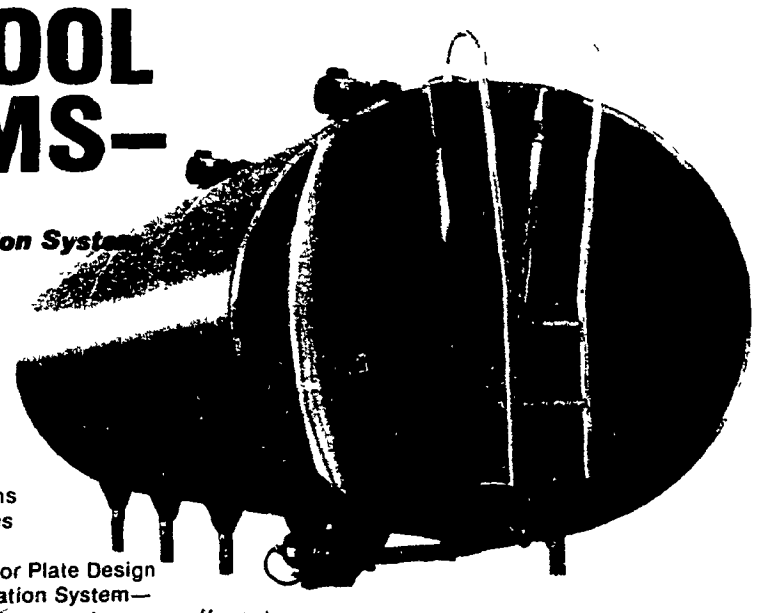

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Somerset, N.J. Extension offers small farmer course

BRIDGEWATER, N.J. — County Agricultural Agent Clare Sperapani of the Somerset County, N.J. Extension office announces he is offering a winter educational course called "Crop Alternatives for Landowners — 1983."

Geared toward the beginning small farmer, the course will cover the rudiments of the nursery and orchard businesses during five Wednesday evening sessions starting Jan. 26.

The first session which will cover "Getting Started in the Nursery Business" will be held Jan. 26 from 7:30-9:30 p.m. at the 4-H Center, Milltown Road in Bridgewater, N.J. Richard Obal of Monmouth County will share his expertise.

On Feb. 2 and Feb. 9, workshop participants will learn about "Establishing Apple and Peach Orchards" from Reinhard "Butch" Sorge of Ripple Spring Farm.

"Finding Your Buyers" is the topic scheduled for Feb. 16 at the 4-H Center. Morris Fabian, Extension marketing specialist from Cook College will be leading the discussion that evening. He will be joined by County Agent Elaine Fogerty who will speak on "Tailgate Markets."

Finishing up the small farmer course will be Don Fennelly of Fennelly Farm Vineyard. Quite naturally, Fennelly will be commenting on "Starting a Vineyard in New Jersey."

Registration for the five-session course is $5 per person and must be received by Sperapani at the Somerset Extension office by Jan. 21. Checks should be made payable to: Rutgers-The State University of New Jersey.

For more information, call 201/526-6293 or write: Clare Sperapani, County Agent, Somerset County Extension Service, North Bridge & High Street, P.O. Box 3000, Somerville, N.J. 08876.

Indianapolis airport approved for livestock export

WASHINGTON, D.C. — U.S. Department of Agriculture officials have approved the Indianapolis International Airport, Indianapolis, Ind., as a port for exporting livestock.

Dr. Paul H. Kramer, veterinarian in charge in Indiana for USDA's Animal and Plant Health Inspection Service, said the airport's livestock handling facilities meet all USDA criteria.

"Federal animal health regulations require that exit ports have safe, sanitary facilities adequate for holding and inspecting animal shipments," Kramer said.

Other requirements include adequate feed, water and shelter; lighted examination areas with restraining equipment; and safe, sanitary pens, gates, walkways and ramps.

USDA officials anticipate that about 35 livestock shipments per year will be exported through the Indianapolis facilities. There are now 24 approved ports according to Kramer, with the nearest alternative to Indianapolis being Chicago, Ill., about 250 miles away.

Public comments may be submitted until Feb. 21, to the Deputy Administrator for Veterinary Service, APHIS, USDA, Room 870 Federal Building , 6505 Belcrest Rd., Hayattsville, Md. 20782.

Notice of this auction was published in the Dec. 22 Federal Register.

Game Protector class

(Continued from Page E30)

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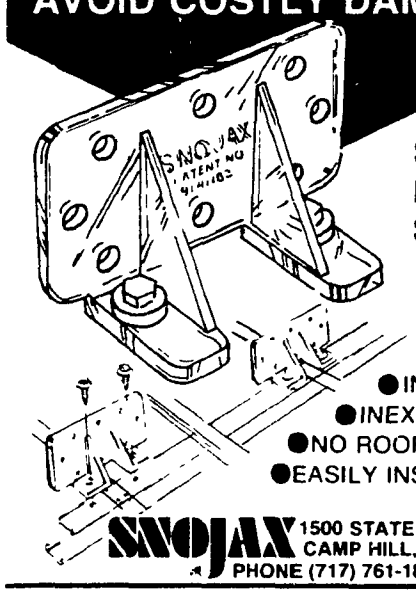
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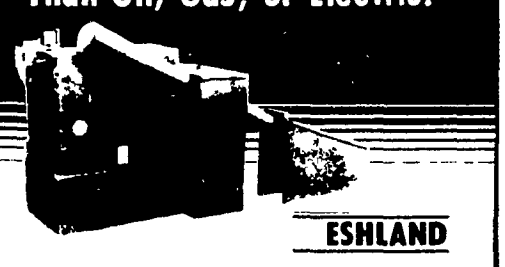
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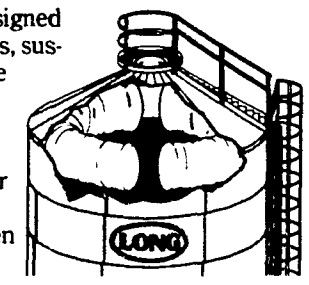

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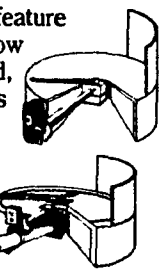

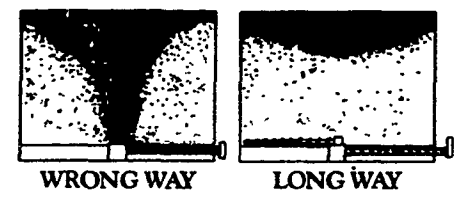

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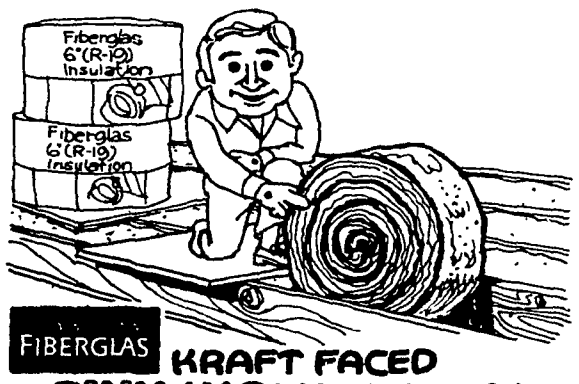

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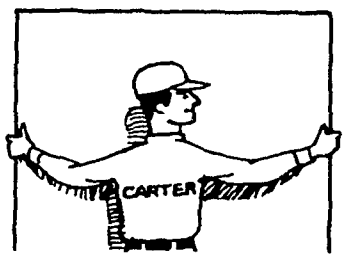

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Dogs and cats can harbor dangerous parasites

UNIVERSITY PARK — More than half of all dogs and cats harbor internal parasites which can infect humans, according to Dr. Hans Rothenbacher, veterinary scientist at Penn State.

Dr. Rothenbacher and associates made a five-year analysis of internal parasites among 700 dogs and 200 cats in Centre County. They found ten species of parasites — as worms, eggs, or cysts — with six species occurring regularly in the pets examined.

"Among all dogs the infection rate was 55 percent while the infection rate for all cats was 45 percent," Dr. Rothenbacher commented.

About half of the pets were strays with an infection rate of over 75 percent, it was pointed out. A seasonal trend showed a rising infection rate between December and February with 82 percent of all examined dogs shedding eggs in their feces at this time.

"Pups from 1 to 15 weeks of age were found to be 100 percent infected with internal parasites. This points out the importance of deworming pups and females of breeding age," Dr. Rothenbacher affirmed.

Measures to prevent human infection stress no handling of dog and cat feces by pregnant women, stated Dr. James P. Wiggins, research associate. He recommended prompt removal of pet feces from yards. Dogs and cats should be kept from congregating. A sanitary environment should be maintained to prevent infection of humans and other pets, Dr. Wiggins advised

Internal parasites of dogs and cats spend most of their life cycle in the intestinal tract of a host animal, it was explained. There the female roundworm Toxocara, for example, reaches sexual maturity, mates, and releases large numbers of eggs into the intestinal contents.

Dr. Rothenbacher said other parasites are Coccidia or one-celled protozoan parasites which produce cysts called oocysts. Worm eggs and protozoan oocysts are deposited with the feces to wait for a host animal to ingest them.

The average litter box, sandbox, or park soil has a high concentration of such eggs or cysts that can survive for many years, he claimed.

"If children ingest such eggs or oocysts, larval development can cause severe reactions," Dr. Rothenbacher noted. "Roundworm larvae migrate throughout children's bodies and may cause severe damage to eyes and brain," he added.

The protozoan parasite causing toxoplasmosis in animals and humans was present in the cats examined. This parasite can cause serious injury or death in the human fetus or permanent disability among children.

As for worm medicines, only the prescription type is quality controlled to be effective on a one-treatment basis, the Penn Staters said. They added that worm medicines are potentially poisonous to pets. Thus, they should be used only when needed as determined by laboratory examination of the feces. Prescription wormers should be used only under supervision of a parasitologist or a veterinarian.

The safer over-the-counter wormers, on the other hand tend to be limited in their effectiveness, the two scientists observed. Often, such non-prescription wormers are not effective against a specific parasite, they added.

Working on the College of Agriculture study of internal parasites were two graduate students, John J. DuPree of Avis and Steven R. Findlay of Irwin. Such research is carried out within the Agricultural Experiment Station at Penn State.

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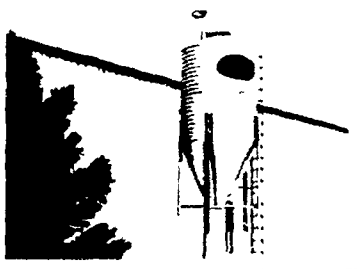

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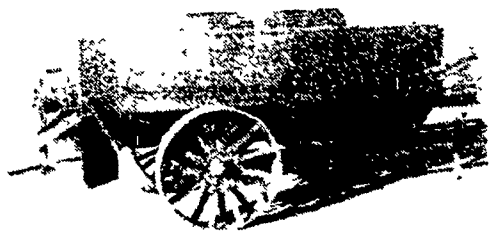

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USDA employs 'bug relief'

TORONTO, Can. — As a predator of insect pests, the spined soldier bug has played second fiddle to the praying mantis and ladybird beetle, but a new sex attractant may put the soldier bug in the limelight.

A U.S. Department of Agriculture scientist, Jeffrey R. Aldrich, of the USDA's Agricultural Research Service at Beltsville, Md., has formulated the first synthetic sex pheromone that attracts an insect predator.

That predator is the soldier bug.

Aldrich, and insect physiologist, recently outlined the potential of the soldier bug and the sex attractant as a biological insect control at a combined meeting in Toronto of the Entomological Societies of America, Canada and Ontario.

He stressed that further studies in the field are needed to be sure the new attractant works on a wide scale.

On farm fields and gardens, in Aldrich's scenario, the soldier bug would prey on insect pests as it usually does - attracted in larger numbers by the pheromone.

Normally, this half-inch-long North American native quietly feeds on more than a hundred other insects - including some of the most devastating pests, like the fall armyworm, the cotton bollworm (alias corn earworm) and the gypsy moth.

It's the bug's lack of discrimination in its eating habits, however, that has kept it from being drafted for active service in the perennial war against crop pests.

Aldrich's new chemical attractant would mobilize the soldier bug in infested gardens or fields. He predicted that gardeners of farmers could treat infested areas with the attractant and thereby lure the bugs to feast on pest insects.

Aldrich used the synthesized attractant to trap more than 1300 male and female spined soldier bugs throughout the summer of 1982. The attractant is a blend of five relatively simple compounds, all of which are commercially available. It is easy and inexpensive to make, he said.

While there are over 200 man-made pheromones for a variety of pests, Aldrich said, the spined soldier bug pheromone is the first for any of the called 'true bugs' comprising the insect order Hemiptera. Among the Hemiptera insects are predators such as the soldier bug.

Aldrich said there is an important distinction between the use of pheromones of pests and predators.

"Pheromonal control of pest insects has a delayed effect that depends on killing the adult insect or preventing them from reproducing. By contrast, using pheromones to increase the predator population in an infested field or garden would have an immediate impact.

In the case of the spined soldier bug, Aldrich said, the impact would be on the economically important stage of the pest population. Although the bug is not very choosy in its selection of insect species, it does prefer the larvae, or caterpillar, which generally are the most damaging to plants. Aldrich proposed that the new pheromone could be used in several other ways. Spined soldier bugs could be lured away from a pest-infested field before insecticides are sprayed, thereby rescuing the natural population of bugs so that they can combat a subsequent buildup of pest insects.

He also found the pheromone attracted a much greater number of flies to the bug. The pheromone might be used to lure only the flies into an specially designed "death trap," Aldrich said, again to increase the population of soldier bugs.

One of the fly species also parasitizes pest insects. Aldrich said the pheromone could draw both soldier bugs and parasitic flies to an infested field for a two-pronged attack against crop-eating pests.

Another potential use for the pheromone, he said, involves germ warfare - trapping soldier bugs, contaminating them with a disease organism that infects a specific pest, then releasing them to spread the disease in pest-infested areas.

Such manipulation of insect predators and parasites is a novel approach, Aldrich said, "and may be a harbinger of our future battle strategies in the never-ending conflict between man and insects."

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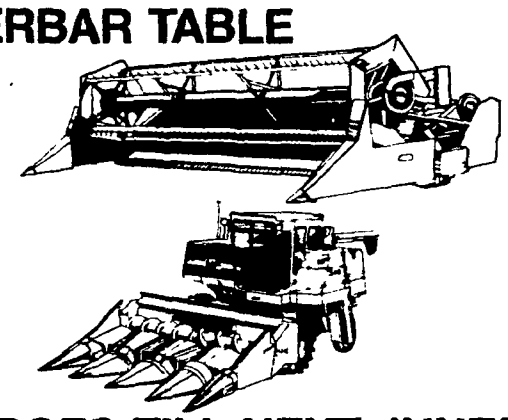

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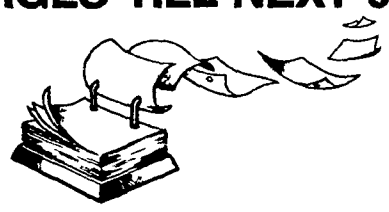

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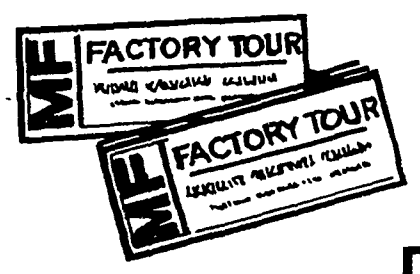

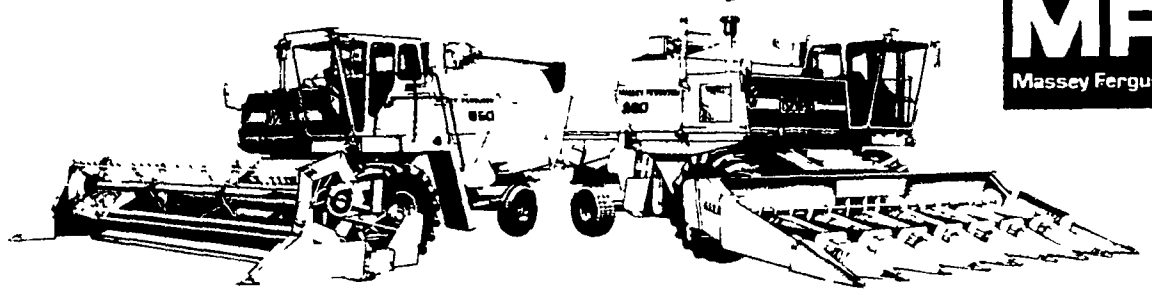

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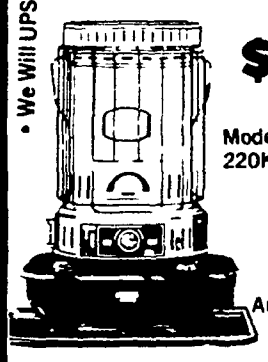

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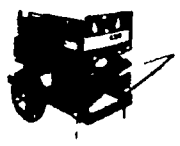

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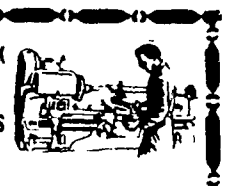

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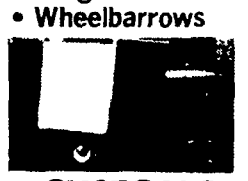

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Crop researcher receives award

ANAHEIM, Cal. — Elmer G. Heyne, professor emeritus of plant breeding, Kansas State University, Manhattan, received the Agronomic Achievement Award—Crops last month at the American Society of Agronomy annual banquet. The award, which includes an honorarium and a grant for further research, recognizes recent contributions to high crop yields and focuses on applied research and Extension activities.

Heyne's research has included genetic and breeding studies with sorghum, maize and small grains. Major emphasis has been in the field of wheat breeding and genetics.

As a member of the plant research workers group at the Kansas Agricultural Experiment Station and the U.S. Department of Agriculture, he shared in the development of numerous lines and cultivars. The most recent release was 'Newton' wheat—a short-statured, hard red winter wheat variety resistant to sheat soil-borne mosaic. The variety was grown on over 7 million acres in 1982.

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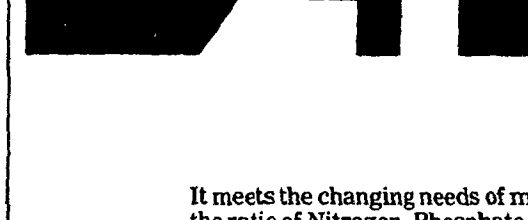

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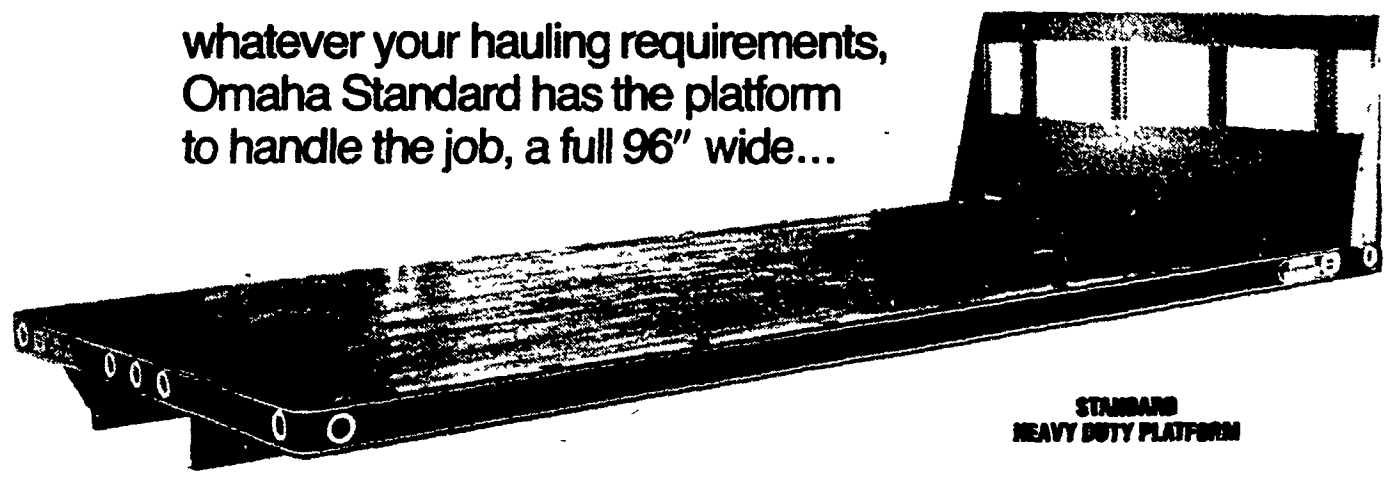

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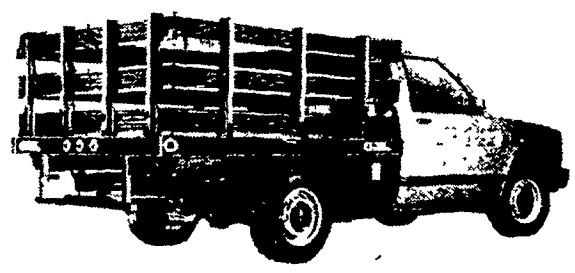

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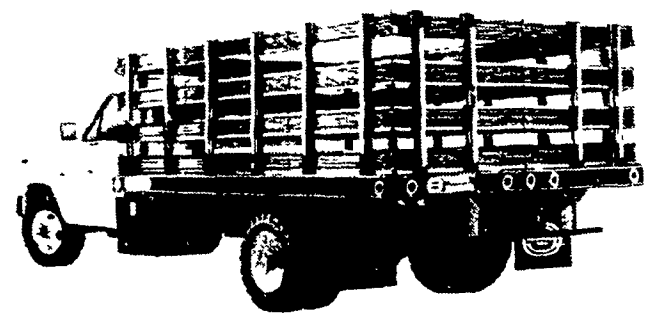
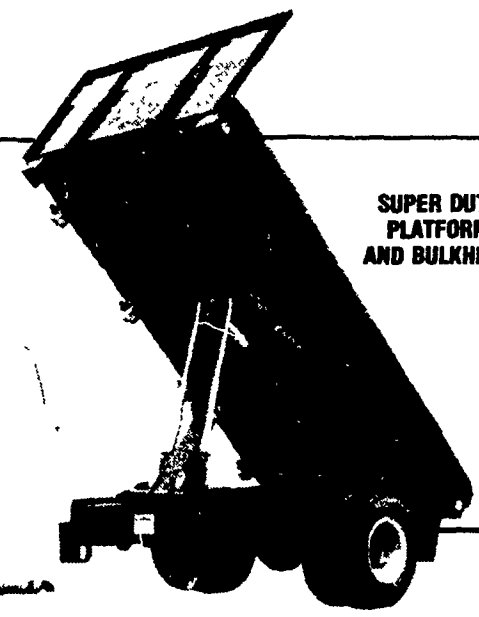


METRO PLATFORM WITH STAKE RACKS, TOOL BOX AND STEP BUMPER



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USDA targets conservation programs to problem spots

WASHINGTON, D.C. — To continue to help meet critical soil erosion and water management problems, the U.S. Department of Agriculture will provide $31.5 million during fiscal 1983 in "targeted" conservation program funds, according to Secretary of Agriculture John R. Block.

Block said this targeting concept allows federal, state and local governments and farmers themselves to attack the most critical problems, while maintaining conservation practices already established on other lands.

The agricultural conservation program, administered by USDA's Agricultural Stabilization and Conservation Service through the farmer-elected committee system, is a joint effort by government and other groups to restore and protect basic land and water resources. The program will target $19 million for financial assistance in 29 states.

Block said USDA's Soil Conservation Service will target $12.5 million to 31 states to attack the same problems by providing additional conservation technical assistance.

"With both ASCS and SCS working together on these problems, we will be bringing all the conservation resources and expertise in the department to bear where the need is greatest and we can get the most for our money," he said.

In granting funds for the program, USDA will emphasize those measures that provide cost-effective solutions to resource problems and will encourage conservation tillage methods to reduce excessive erosion, Block said.

Block said both water management and erosion control measures will emphasize long term agreements covering installation of conservation practices over a period of several years.

Of the $19 million in agricultural conservation program cost-share assistance, $13.6 million is allocated for erosion control in 305 counties, $4.3 million is for water management in 130 counties and $1.1 million is being held in reserve at the national level.

Of the $12.5 million for conservation technical assistance, $10.3 million is allocated for erosion control in 339 counties, and $2.2 million is for water conservation in 153 counties.

The "targeted" funds are part of the regular appropriations by Congress for the two programs in fiscal 1983.

Following is a list of states and counties approved for the "targeted" conservation program funds. An asterisk (*) denotes that the Soil Conservation Service has targeted the county for additional technical assistance for management type practices and to educate producer on other cost-effective measures but that the Agricultural Stabilization and Conservation Service is not currently targeting additional agricultural conservation program funds.

Critical Soil Erosion Target Areas

ALABAMA (16 counties; ACP–$490,000; CTA–$673,000): Baldwin, Barbour, Butler, Coffee, Conecuh, Covington, Crenshaw, Dale, Escambia, Geneva, Henry, Houston, Mobile, Monroe, Pike, Russell.

ARKANSAS (14 counties; CTA-$350,000): Ashley*, Chicot*, Clay*, Craighead*, Cross*, Desha*, Drew*, Greene*, Jackson*, Lee*, Phillips*, Poinsett*, St. Francis*, Woodruff*.

CALIFORNIA (10 counties; ACP-$40,000; CTA-$400,000): Glen*, Lake*, Mendocino*, Monterey, Napa*, San Luis Obispo, Santa Cruz*, Shasta*, Sonoma*, Tehema*.

GEORGIA (22 counties; ACP–$610,000; CTA-$530,000): Bleckley, Bullock, Burke, Candler, Dodge, Emanuel, Evans, Jefferson, Jenkins, Johnson, Laurens, Montgomery, Richmond, Screven, Tattnall, Telfair, Toombs, Treutlen, Twiggs, Washington, Wheeler, Wilkinson.

IDAHO (8 counties; ACP-$255,000; CTA-$372,500): Benewah, Clearwater, Idaho, Kootenai, Latah, Lewis, Nez Perce, Shoshone.

ILLINOIS (8 counties; ACP-$335,000; CTA-$250,000): Franklin, Hamilton, Jackson, Jefferson, Perry, Randolph, Wayne, White.

INDIANA (12 counties; ACP-$460,000; CTA-$300,000): Daviess, Dubois, Gibson, Greene, Knox,

(Turn to Page E40)

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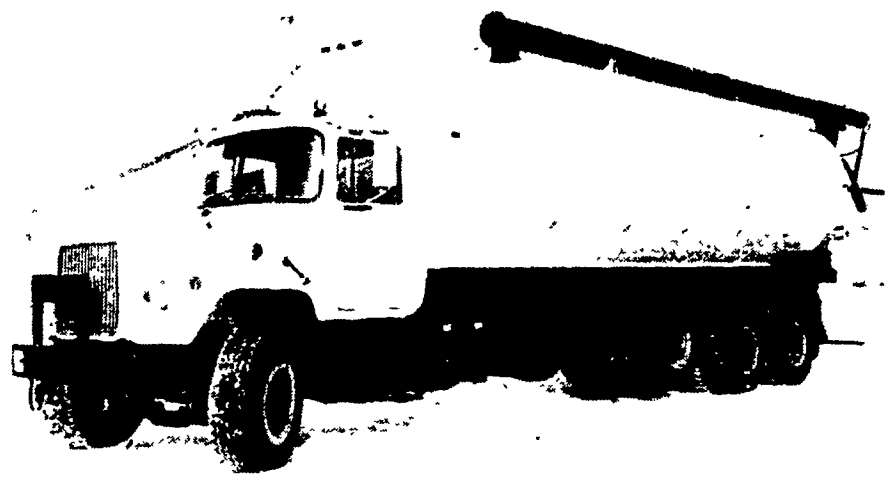

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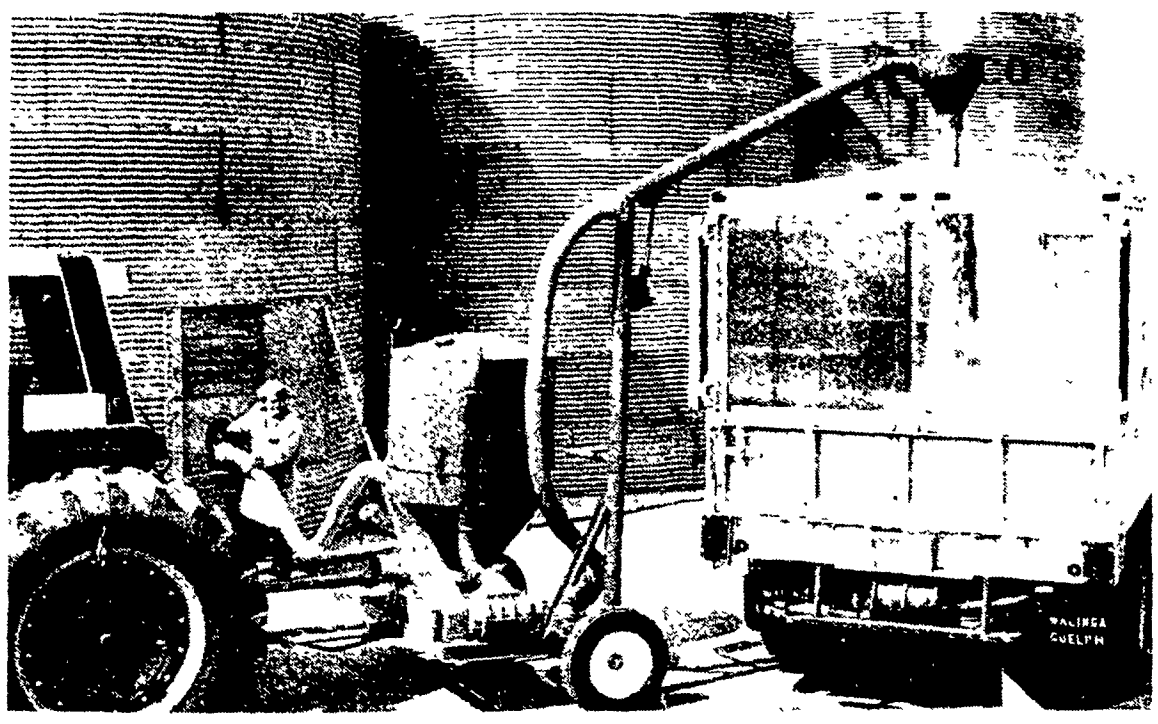

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USDA

(Continued from Page E38)

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IOWA (26 counties; ACP-$1,560,000; CTA-$1,301,000): Adams, Allamakee, Audubon, Carrol, Cass, Clayton, Clinton, Crawford, Delaware, Dubuque, Fayette, Fremont, Harrison, Ida, Jackson, Jones, Linn, Mills, Monona, Montgomery, Page, Pottawattamie, Shelby, Taylor, Winneshiek, Woodbury.

KANSAS (14 counties; ACP-$605,000; CTA-$275,000): Atchison, Brown, Doniphan, Douglas, Jackson, Jefferson, Johnson, Leavenworth, Marshall, Nemaha, Pottawatomie, Shawnee, Wabaunsee, Wyandotte.

KENTUCKY (8 counties; ACP-$275,000; CTA-$395,000): Ballard, Calloway, Carlisle, Fulton, Graves, Hickman, Marshall, McCracken.

LOUISIANA (10 parishes; CTA-$250,000): Allen*, Avoyelles*, Beauregard*, Catahoula*, Evangeline*, Franklin*, Lafayette*, Richland*, St. Landry*, West Carroll*.

MAINE (1 county; ACP-$325,000, CTA-$125,000): Aroostook.

MINNESOTA (6 counties; ACP-$620,000; CTA-$225,000): Fillmore, Goodhue, Houston, Olmsted, Wabasha, Winona.

MISSISSIPPI (14 counties; ACP-$625,000; CTA-$228,000): Alcorn, Benton, De Soto, Itawamba, Lafayette, Lee, Marshall, Panola, Pontotoc, Prentiss, Tate, Tippah, Tishomingo, Union.

MISSOURI (23 counties; ACP-$1,130,000; CTA-$734,000): Andrew, Atchison, Buchanan, Caldwell, Carroll, Chariton, Clay, Clinton, Davies, De Kalb, Gentry, Grundy, Harrison, Holt, Linn, Livington, Mercer, Nodaway, Plate, Putnam, Ray, Sullivan, Worth.

NEBRASKA (29 counties; ACP-$1,085,000; CTA-$500,000): Burt, Butler, Cass, Cedar, Colfax, Cuming, Dakota, Dixon, Dodge, Douglas, Gage, Jefferson, Johnson, Knox, Lancaster, Madison, Nemaha, Otoe, Pawnee, Pierce, Platte, Richardson, Saline, Sarpy, Saunders, Stanton, Thurston, Washington, Wayne.

NORTH CAROLINA (13 counties; ACP-$220,000; CTA-$300,000): Alamance, Caswell, Durham, Franklin, Granville, Guilford, Northampton, Orange, Person, Rockingham, Stokes, Vance, Warren.

OKLAHOMA (20 counties; ACP-$775,000; CTA-$175,000): Alfalfa, Beaver, Beckham, Blaine, Caddo, Canadian, Cimarron*, Custer, Dewey, Ellis, Garfield, Grant, Harper, Kingfisher, Major, Roger Mills, Texas*, Washita, Woods, Woodward.

OREGON (5 counties; ACP-$365,000; CTA-$255,400): Gilliam, Morrow, Sherman, Umatilla, Wasco.

TENNESSEE (21 counties; ACP-$1,200,000; CTA-$900,000): Benton, Carroll, Chester, Crockett, Decatur, Dyer, Fayette, Gibson, Hardeman, Hardin, Haywood, Henderson, Henry, Lake, Lauderdale, Madison, McNairy, Obion, Shelby, Tipton, Weakley.

TEXAS (24 counties; ACP-$1,200,000; CTA-$350,000): Bell, Collin, Dallas, Delta, Ellis, Falls, Fannin, Fayette, Gonzales, Grayson, Grimes, Hill, Hopkins, Hunt, Kaufman, Lamar, Limestone, McLennan, Navarro, Red River, Rockwall, Travis, Washington, Williamson.

UTAH (3 counties: ACP-$150,000; CTA-$120,000): Carbon, Sanpete, Sevier. (Utah is being selected as a pilot project under targeting for range management practices to assist in reducing critical erosion.)

VIRGINIA (14 counties; ACP-$245,000; CTA-$300,000): Amelia, Brunswick, Campbell, Charlotte, Dinwiddie, Franklin, Greensville, Halifax, Henry, Lunenburg, Mecklenburg, Nottoway, Pittsylvania, Prince Edward.

WASHINGTON (13 counties; ACP-$630,000; CTA-$837,100: Adams, Asotin, Benton, Columbia, Douglas, Franklin, Garfield, Grant, Klickitat, Lincoln, Spokane, Walla Walla, Whitman.

WISCONSIN (5 counties; ACP-$400,000; CTA-$200,000): Dane, Grant, Green, Iowa, Lafayette.

Critical Water Management Target Areas

CALIFORNIA (6 counties; ACP-$735,000; CTA-$200,000): Imperial, Kern, Kings, Riverside, Tulare, Fresno.

COLORADO (16 counties; ACP-$335,000; CTA-$425,000): Baca, Bent, Cheyenne*, Crowley, Fremont, Kiowa*, Kit Carson*, Lincoln*, Logan, Otero, Phillips*, Prowers, Pueblo, Sedgwick, Washington*, Yuma*.

FLORIDA (6 counties; ACP-$130,000; CTA-$100,000): Brevard, Hardee, Hillsboro, Indian River, Manatee, St. Lucie.

IDAHO (20 counties; ACP-$670,000; CTA-$134,000): Ada, Bingham, Bonneville, Canyon, Cassia, Elmore, Franklin*, Fremont, Gem, Gooding, Jefferson, Jerome, Lincoln, Madison, Minidoka, Owyhee, Payette, Power, Twin Falls, Washington. (Targeting in the 20-county area of Idaho for water management is a pilot project to allow use of specific erosion control practices in conjunction with irrigation water conservation.)

KANSAS (4 counties; ACP-$20,000; CTA-$125,000): Finney, Haskell; Lane*, Scott*.

MONTANA (17 counties; ACP-$525,000; CTA-$183,200): Beaverhead, Cascade, Custer, Dawson, Gallatin, Lake, Phillips, Pondera, Powell, Prairie, Ravalli Richland, Rosebud, Teton, Treasure, Valley, Yellowstone.

NEBRASKA (10 counties; ACP-$20,000; CTA-$200,000): Adams, Chase, Clay, Dundy, Fillmore, Hamilton, Perkins, Polk, Seward, York.

NEVADA (8 counties; ACP-$230,000; CTA-$134,400): Churchill, Clark, Eureka, Humboldt, Lander, Lyon, Nye, Washoe*.

NEW MEXICO (3 counties; ACP-$70,000; CTA-$75,000): Curry, Lea, Roosevelt.

OKLAHOMA (10 counties; ACP-$70,000; CTA-$50,000): Beaver*, Beckham*, Cimarron, Dewey*, Ellis*, Harper*, Roger Mills*, Texas, Woods*, Woodward*.

OREGON (6 counties; ACP-$190,000; CTA-$84,600): Harney.

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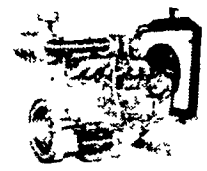

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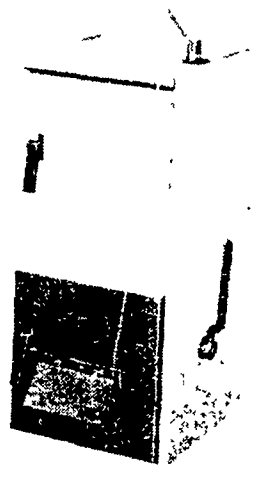

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Got Grain? Then get the trailers that are Timpte tough . . . the Super Hopper or the level floor Super Grain Trailer. They're not only built to take it . . . they're also built to cut fuel costs. The Super Hopper and

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AUTOTORE'S AUCTION

SATURDAY, JANUARY 22, 1983

Starting at 10 A.M.

Benton R.D. 2 Off Rt. 118 toward Gassmere - pass Brandon Church - 1st place on left. (Follow auction signs)

Selling Real Estate & Personal Property of the late John T. Conner Pittston #991 6 lid cook stove (beige & brown), Sessions wall clock, 2 door Pine jelly cupboard, carved sq. oak table, childs cradle, oak coat tree, Va. childs wicker rocker, youth bed (oak), Chestnut cupboard, bucket benches, oak rockers, 6 leg oak table, pattern back chairs, 10 pc. depression dining room suite, 3 pc. living room suite, platform rocker, RCA XL 100 color TV, 3 pc. Bassett bedroom suite, oak dresser, oak childs cained rocker, Larkin drop front desk, doved-tailed blanket chest, cannon & poster rope beds, 4 shield back chairs, standing cupboard, Westinghouse Ref., Siegler kerosene heater, beveled mirror (oak), kerosene lamp, Electro-Lux vac., 9'x12' & 12'x15' rugs, pattern glass, dishware, cast skillets, cooking utensils, double Easy tub washer, old tins, bottles, power mower, 1970 4 door sedan, plus many unlisted items.

Real Estate to be offered at 1 P.M.

App. 26 acre Farmette in two parcels, one having app. 10 acres & one having app. 16 acres. A two story wood frame dwelling w/6 rooms & 1½ baths, cellar & attic, good well water & septic system. Farm is located in Sugar Loaf Twp. Columbia County. Two sml. streams run through farm.

Terms - personal property - Cash. Real Estate - $5,000 down day of auction balance in thirty days. Buyer pays all transfer taxes. Statements made day of auction take precidences over previously written material.

Seller
Executor **ROBERT CONNER**
Attorney Dale Derr

Auctioneers - John Autotore 784-3506
John Jr. 784-0381

Preview on real estate Sunday, Jan. 16, 1983 from 1 P.M. to 4 P.M.

USDA

(Continued from Page E40)

Jackson, Klamath, Malheur, Morrow*, Umatilla*.

TEXAS (27 counties; ACP-$720,000; CTA-$175,000): Armstrong, Bailey, Briscoe, Carson, Castro, Cochran, Crosby, Dallam, Deaf Smith, Floyd, Garza*, Hale, Hansford, Hartley, Hockley, Hutchinson, Lamb, Lipscomb*, Lubbock, Moore, Ochiltree, Oldham, Parmer, Potter, Randall, Sherman, Swisher.

UTAH (6 counties; ACP-$225,000; CTA-$126,200): Beaver, Iron, Millard, Sanpete, Sevier, Washington.

WYOMING (14 counties; ACP-$360,000; CTA-$161,600): Big Horn, Carbon, Converse, Fremont, Goshen, Hot Springs, Johnson, Lincoln, Natrona, Park, Platte, Sheridan, Uinta, Washakie.

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

JANUARY

SAT. JAN. 8 Consignment Auction of Used Farm Tractors and Equipment at our place of business on corner of Rt. 38 and 38B, Newark Valley, NY. Sale by Goodrich Auction Service 607-642-8688

SAT. JAN. 8 - 10 A.M. Public Sale of Equipment, Fencing Inventory, Tools, Office Equipment, Furniture, Tractor, Trucks, Cars and Bonds. Located at 1082 Eisenhower Blvd., just off Swatara Exit #1 of I-283, East of Hbg., PA. Sefco Inc. and Doutrich and Co. and Estate of Warener Lewis. Kerry Pae Auctioneers.

SAT. JAN. 8 - 12 Noon. Public Sale of Cattle. Located 15 mi. north of Carlisle on Rt. 74, 2½ mi. northeast of Landisburg, Perry Co., PA. V. Art Kling, Owner. Mark Glick, Auct.

SAT. JAN. 8 - 10 A.M. Farm Dispersal located Barber Hill Rd., Groveland, NY 12 mi. north of Dansville, NY, 60 mi. north of Corning, NY in Livingston Co. Take Rt. 17 to Rt. 390 in Dansville, then take Rt. 63 north to Groveland Station and follow arrows. Roy Teitsworth Inc. Sale Mgrs. and Auctioneers

SAT. JAN. 8 - 10 A.M. Auction of Farm Machinery, Truck Tractor, Antique Farm Truck, No Till planter, etc. Located on Pemberton Drive, Salisbury, MD. Take Rt. 50 to Salisbury, go west on MD Rt. 349, to 100 yards, turn left on Pemberton Dr., go approx. 5 mi. Pete Richardson Auction Sales.

SAT. JAN. 8 - 10 A.M. Public Sale of Cattle. Located at Rock Stream, NY, Yates Co., 7 mi. south of Dundee, NY, 10 mi north of Watkins Glen, NY, 4 mi. west of Rt. 14 George and Joan Van Heusen, Owners. D.O Rockwell and Associates, Auctioneers

SAT. JAN 8 - 10:30 A.M Public Sale of Farm Machinery, Tractors, Cattle, Milking and Barn Equipment, Shop Tools, Produce and Antiques. Located at the farm Watercure Hill Road, 3 mi. north of Elmira, NY, use Church Street exit of Rt. 17 Expressway, 1st light turn right, Judson, go 1 block to Sullivan, turn right, go 1 block to East Ave. and follow 3 mi. to the farm. A. Todd Stermer, Owner. Howard W. Visscher, Auctioneer

MON. AND TUES. JAN. 10 and 11 - 10 A.M. Public Sale of Swine. Located at Farm Show Building, Harrisburg, PA, Small Arena PA All Breed Bred Gilt Sale. Harry Bachman, Auctioneer.

TUES. JAN. 11 - 12:30 sharp. 4th Annual Draft Horse and Mule Consignment Sale located at Kingsport Livestock Market, just off Hwy 11-W. Mack Blevins and Danny Mouser, Auctioneers.

TUES. JAN. 11 - 5:30 P.M Farmersville Auction in Farmersville, 3 mi. East of Brownstown, Lancaster County, Pa. John J Rutt, Auctioneer

WED. JAN. 12 - 11 A.M. Public Sale of Real Estate. Located along Peach Bottom Rd., R.D. 2, Willow Street, West Lampeter Twp., Lanc. Co., PA Take 22 south of Lancaster to Willow Street Diner and Burkholder's Used Car Lot, continue south on 222 one block to Peach Bottom Rd., turn right to sale. Mr. and Mrs. Abram H Huber, Owners. Howard Shaub and Roy C. Probst, Auctioneers

FRI. JAN 14 - 5:30 P.M Gap Auction. Antique and Household Good sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. AND SAT. JAN 14 and 15 10 A.M. Public Sale of Furniture, Primitives, Wood, Iron, Tin, Dolls, Quilts, Household Goods and Glassware Located in Al Starr Community Building, Village of Willow Street, PA, south of Lancaster along northbound Rt. 272 behind new fire hall. Mr. and Mrs. Abram H. Huber, Owners Howard Shaub and Roy C. Probst, Auctioneers

FRI. JAN. 14 - 9 A.M Public Sale of Collectable and Household Items Located just off Rt. 999 West at 364 Old Blue Rock Rd., take Blue Rock St. (Rt. 999 West) off Manor Ave., Millersville, Pa. Robert Girvin, Owner E.M. Murrey Associates, Auctioneers.

FRI. JAN 14 - 7:30 P.M. Auctioneers Auction to the Public Located at Host Inn, Harrisburg, PA.

FRI JAN. 14 - 1:30 P.M Public Sale of Pigs Located at the Carlisle Livestock Market, Inc., I-81 Exit 12

SAT. JAN 15 - 9:30 A.M Public Sale of Antiques, Oriental Rugs and Collectables. Located at the Brickerville Fire Hall, 1 block off Rt 322, 6 mi west of the town of Ephrata E.M. Murry Associates, Auctioneers.

SAT JAN. 15 - 9 A.M Public Sale of Complete Line of Vegetable Farm Equipment. Located just off Rt. 130, turn east off Rt. 130 at Lucas Ford, go 3 mi. on right, Columbus-Burlington Rd., Burlington, NJ. Sale by Edward Harris Richard Allen, Auctioneer

SAT. JAN. 15 - 11 A.M Public Sale of Cattle. Located from Frederick take Rt. 15 north to Rt 26 and turn left on Rt 194, sale site is approx. 1 mi north of Keymar and Parox, 3½ mi south of Tanytown, Carroll Co MD, Randy Ruby, James G Trout and Martha Strawsburg, Auctioneers

SAT. JAN 15 - 10:30 A.M Public Sale of Mahinery, Feed and Dairy Equipment Located in Huntingdon Co., 1 mi. west of Water St., PA, on Rt 22, turn north on dirt lane at Donnelly Farm. John E Walters, Owner. Mark Glick and Dale Gibboney, Auctioneers

SAT. JAN 15 - 10 A.M Public Sale of Items left in old building at Nursing home and Building Located from Honey Brook take Rt. 10 south to Beaver Dam, turn left to sale. Tel Hai Rest Home, Owner Horning Farm Agency, Inc., Auctioneers

SAT. JAN. 15 - 12 Noon Public Sale of Cattle Located at Galena, MD Consigned by H Robert Deputy Harry Rudnick and Sons, Inc., Auctioneers

TUES. JAN. 18 - 11:30 A.M. Public Sale of Farm Equipment and Real Estate Located between Boyertown and Oley, 2 blocks west of the Village of Pleasantville, turn off Rt 73 onto Blacktop North to 1st lane right to farm, Berks Co., PA Kevin L. and Lois A Hertzog, Owners Ralph W Zettlemoyer Auction Co., Inc

TUES. JAN 18 - 11 A.M Public Sale of Cattle Located on Beaver Dam Rd., 3 mi. from Johnsville and 3 mi. from Union Bridge, in Frederick Co., MD, take Beaver Dam Rd off Rt. 75 and the farm is 1 mi. on the right. A.T., H.N. and Mike Grossnickle, Owners Remsburg Sale Service.

Auction

DAIRY CATTLE
85 HEAD OF
HOLSTEIN DAIRY COWS

SATURDAY, JANUARY 15, 1983
AT 11:00 A.M.

DIRECTIONS: From Frederick take Rt. 15 North to Rt. 26 & turn left on Rt. 194, sale site is located approx. 1 mile North of Keymar and approx. 3½ miles South of Taneytown, Carroll Co., MD.

All cows are recently fresh or close springers. Two loads of fancy 1st & 2nd calf heifers w/a lot of quality from N.Y. State. Several cows milking from 70 to 80 lbs. of milk. Mostly grades but there will be a few choice purebreds. To mention - A fancy 3 yr. Arlinda Jet Stream daughter due sale day to Cal-Clark Board Chairman - As a 2 yr. old milked up to 70 lbs.

NOTE: This is a real fancy group of cows that have good udders and milking very good. Don't miss this sale.

HEALTH: Cattle will be tested for T.B. & Interstate Shipment within 30 days of sale.

Private Sales Daily
Consignments Welcome

Sale Managed By:
TOM KOLB
1516 Francis Scott Key Highway
Keymar, MD 21757
301-751-1244

Auctioneers:
Randy Ruby
James G. Trout
Martha Strawsburg

Trout Auctioneers, Inc.

PUBLIC SALE
MACHINERY, FEED, DAIRY EQUIPMENT

SATURDAY, JAN. 15
At 10:30 A.M.

Located in Huntingdon Co., 1 mile West of Water Street, Pa., on Route 22, turn North on dirt lane at Donnelly Farm.

FARM MACHINERY

J.D. 4020 Dsl. W.F. tractor, good running cond., Ford 4000 gas tractor, I.H. 454 gas tractor, hyd. loader w/2 buckets, J.D. model A tractor needs some repairs, J.D. no. 1440 no-till corn planter, J.D. no. 34 harvester w/single row corn head, N.H. no. 26 hopper blower, Grove and Lamco self unloading wagons, Lamco bale wagon, flat bed wagon, Skelton 30 ft. bale elevator, corn elevator, N.H. no. 268 baler w/thrower, N.H. no. 479 haybine, Oliver 4 bar rake, N.H. no. 362 flail tank manure spreader, Starline flail manure spreader, Field sprayer w/300 gals. fiberglass tank, Oliver 3-14 in. plow, J.D. 12 ft. harrow, wooden drag, stone cart, I.H. snow plow, Welder, and I.H. fencer.

FEED & DAIRY EQUIPMENT

Jamesway 500 gals. tank w/3 H.P. unit, Surge Alamo 60 vacuum pump, 5 Surge milker units, approx. 1100 bales alfalfa hay, approx. 1000 bales mixed grass hay, 12 x 40 ft. silo full corn silage, 20 x 30 ft. haylage and 20 x 15 ft. corn silage. Feed will be sold in bulk lots.

NO SMALL ITEMS, BE ON TIME, SALE WILL START W/LARGER ITEMS

Terms - CASH

JOHN E. WALTERS
Star Route, Box 9
Alexandria, Pa.

Mark Glick and Dale Gibboney
Auctoneers

BERG HYDRO-MAN MANURE PUMP

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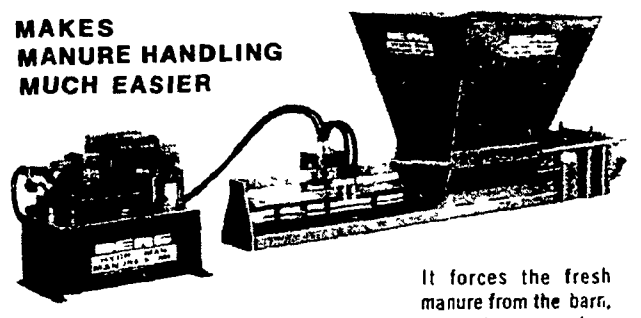
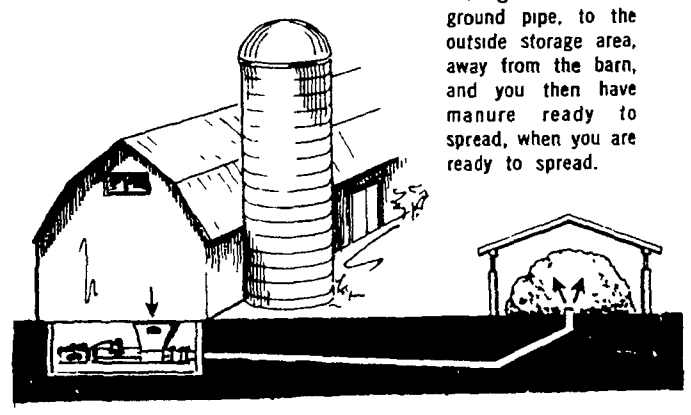
MUCH EASIER



It forces the fresh manure from the barn, through an under ground pipe, to the outside storage area, away from the barn, and you then have manure ready to spread, when you are ready to spread.



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DOMBACH EQUIPMENT INC.
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717-463-2191

R. LAMAR HACKMAN
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Mifflinburg, Pa. 17844
717-524-4901

ROBERT GUTSHALL
RD 1,
Womelsdorf, Pa. 19567
717-933-4616

AREA
REPRESENTATIVE.
CHESTER INGRAM
RD 2,
Bellefonte, Pa. 16823
(Hublersburg)
814-383-2798

SEE THE BERG EQUIPMENT DISPLAY AT THE PA FARM SHOW SPACE #135

Public Sales Register

Closing Date - Monday, 5:00 P M
of each week's publication

THURS., JAN. 20 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD.

THURS., JAN. 20 - Public Sale of Farm Equipment. Located at Horst's Machinery Lot, east of Marion, PA. Ralph W. Horst, Marion, PA, Manager.

FRI. JAN. 21 - 5:30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI. JAN. 21 - 10 A.M. Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa. For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

FRI. JAN. 21 - 1 P.M. Public Sale of Swine. Located at Brooks End Farm, Beavertown, Pa. Park and Reno Thomas and Mark Stehr, Owners. Dan Baker, Auctioneer

SAT. JAN. 22 - 10 A.M. Public Sale of Farm Equipment. Located near Rothsville. Milton Horst, Owner. Horning Farm Agency, Auctioneers

SAT. JAN. 22 - 10 A.M. Public Sale of Farm Equipment located along Rothsville Rd., between Rt. 272 and 772, 1 mi. north of Akron, Ephrata, RD 2, PA. Sale by Milton and Lizzie Horst. Horning Auctioneers.

SAT. JAN. 22 - 10 A.M. Public Sale of Real Estate and Personal Property. Located at Benton, R.D. 2, off Rt. 118 toward Grassmere pass Brandon Church, 1st place on left. Estate of John T. Conner. John and John Jr. Autotore, Auctioneers.

SAT. JAN. 22 - 10 A.M. Public Sale of Inventory, Equipment, Woodworking Machinery and Tools. Located at 5405 Locust Lane, Harrisburg, PA, near Dauphin Co. Vo-Tech School. Fessenden Woodworking Co. Kerry Pae Auctioneers.

THURS. JAN. 27 - 9:30 A.M. Public Sale of Cattle, Milking Equipment, Horse Drawn Farm Machinery, Feed, Horses and Shop Tools. Located in Lancaster County, PA, 7 mi. east of Lancaster City in the village of Bird-in-Hand, from Rt. 340, turn north at railroad underpass, 1st farm. John and Lydia Stoltzfus, Owners. Steve Petersheim, Auctioneer.

THURS. JAN. 27 - 9:30 A.M. Public Sale of Hi Grade Holstein Herd, Farm Machinery and Horses. Located in the village of Bird-in-Hand. John and Lydia Stoltzfus, Owners. Steve Petersheim, Auctioneer.

FRI. JAN. 28 - 1:30 P.M. Dairy Cattle Sale at Penns Valley Livestock Auction, Centre Hall, PA

FRI. JAN 28 - 5:30 P.M. Gap Auction. Antiques and Household Goods sold at every auction. Located off Rt. 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers.

FRI. JAN. 28 - 1:30 P.M. Dairy Cattle Sale. Penns Valley Livestock Auction, Centre Hall. 814-364-9096

FRI. JAN. 28 - 6:30 P.M. Public Sale of Household Goods, Mostly All Antiques. Located at Hoffman Building at Quarryville Park. Raymond Smoker, Owner. Steve Petersheim, Auctioneer.

SAT. JAN. 29 - 9:30 A.M. Public Sale of Real Estate, Antiques and Household Goods. Located at the Denver Fire Hall, 5th and Locust Sts., Denver, PA, Lancaster Co., PA. Clara Moyer Estate. Frank and Paul Snyder, Auctioneers.

SAT. JAN. 29 - Public Sale of Holstein Heifer and Farm Equipment. Located 3 mi. south of Greencastle, PA, along Milnor Rd. at Milnor. Ira Martin, Owner. Ralph W. Horst, Auctioneer.

FEBRUARY

FRI. FEB. 4 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc., New Holland, Penna.

FRI. FEB. 4 - 9 A.M. Public Sale of Farm Equipment at New Holland Sales Stables, Inc., 12 miles east of Lancaster, Pa. at New Holland, Pa. For more information contact Norman Kolb or Abe Diffenbach 717-354-4341

SAT. FEB. 5 - 2 P.M. Public Sale of 2½ Story Frame Dwelling and Barn on 1 Acre of Land. Located at 181 E. Main St., Leola along Rt. 23 in the Village of Bareville, John Henry and Esther H. Weaver, Owners. Robert E. and Jeffrey R. Martin and Frank L. Steller, Auctioneer

SAT, FEB. 5 - 10:30 A.M. Horse Sale. Penns Valley Livestock Auction, Centre Hall. 814-364-9096.

SAT. FEB. 5 - Public Sale of Farm Equipment. Located 1½ mi. north of Newburg, PA along Rt. 641. Mrs. Lee Ansley, Owner. Ralph W. Horst, Auctioneer.

EARLYBIRD PENS!

The "Earlybird" Pen idea has proved that it works! Cow for Cow you can see the difference when they are sold. This is not to say that a common cow in the "Earlybird" Pen will sell better than a good cow in the regular pen, but the Early Cows yield better so naturally they bring a higher live weight price. The Top Cow in the sale is not always in the "Earlybird" pen but if it was it would bring even more!

"Earlybird" Pens close at 2:00 P.M. (Cows & Hogs)

CARLISLE
Livestock Market
Exit 12 Off I-81
"An Old Friend With New Ideas"
Every TUESDAY

PUBLIC SALE

Located ½ miles north of Waynesboro, Pa. along Route 316, first farm on left.

MONDAY, JAN. 17, 1983
at 10:30 A.M.

55 HEAD OF HOLSTEIN DAIRY CATTLE 55

Consisting of 31 head of mature dairy cows of which 10 have freshened within past 60 days or due by Feb. 15; 9 due in Mar., Apr., May, balance in different stages of lactation. One of above registered & one Red & White Holstein w/a record of 19,920m 611F; another cow w/20,931, another w/20,000m 755F. 3/82 lactation average 17,200 on 22 cows w/present rolling herd av. of 16,000 lbs. This is an exceptional well uddered herd, ½ of herd 1st & 2nd calf with good size & quality.

24 head of heifers raised from this herd consisting of 6 bred, 2 of which will freshen in Jan. & Feb., 13 open yearling heifers; 4 open 6 mo. old, 1 weaned heifer calf. These heifers are all artifically sired as well as herd is artifically bred on ABS Genetic Mating Service & heifers bred to small calving sires. Herd has been on DHIA for past 7 years; pregnancy examined by vet. and worthy of your attention.

Health charts available day of sale.

Cattle to be sold in tent.

FARM EQUIPMENT

John Deere 2840 Diesel tractor, W.F., fully equipped, 80 HP, less than 1300 hrs.; Case 730 G, narrow front; Oliver 506 semi mounted 3-18 automatic reset plow; Knight 250 bu. P.T.O. manure spreader w/hyd. gate, like new; New Idea 323 one row corn picker, like new; Case 655 four row planter; John Deere FB-B-B - 13-7 grain drill; Case 300 forage harvester w/1 row corn head & pickup head; Gehl blower w/32 ft. 9 in. pipe; 300 gal. trailer sprayer; Danco 11 ft. steel frame spring tooth harrow; 3 bales wagons; Smoker 25 ft. elevator; J.D. disc; cultipacker; 2 cattle feeder wagons; no small items.

DAIRY EQUIPMENT

DeLaval 75 vacuum pump; Girton 295 gal. bulk tank; Kesco milkmover transfer w/Surge vacuum pump; 3 Delaval milking units, Acorn cable train gutter cleaner; wash tank, supplies, etc.

Approx. 65 ton of Corn silage on pile to be sold by bulk.

1980 Kawasaki 250cc L.T.D. Motorcycle.

Terms: Cash. Nothing removed until settled for. Not responsible for accidents.

Owners,
KRISTEN & PENNY GOOD
620 N. Grant St. Ext.
Waynesboro, Pa. 17268
Phone: 717-762-0204

Auctioneers:
John D. Downin
Robert C. Mullendore

Lunch Rights Reserved

PUBLIC AUCTION

ANTIQUES, ORIENTAL RUGS AND COLLECTABLES
SATURDAY, JANUARY 15, 1983
9:30 A.M.

at the Brickerville Fire Hall, one block off of Rt. 322. Brickerville is 6 miles west of the town of Ephrata.

Sheraton bow front dresser, Sheraton banquet table end, Oak Hoosier cabinet, Fancy victorian table, Childs rockers, Oak dresser, 3 pc. Mahogany parlor set, Empire chairs, Modern cobblers bench, Floor model radio, Smoking stands, Night stand, Mahogany tables, 1930's Diningroom suite, Rockers, Mahogany folding chairs, Martha Washington sewing stand, School bench, Cottage and victorian tables, Pedestal stand, Walnut desk, Ice cream chairs, Sheraton cradle with net holder, Butter churn on buck, Blue decorated stoneware, Crocks, Jugs and Churn (one with lid) Czechslovica creamers, Splint basket, Iron items, Butcher tools, Braided rugs, Rag and wool carpet, Fine Nippon punch bowl set (rare), 12" Arora platter, enamel overlay pitcher and glasses, Vasoline coin dot glass basket, Kyber flo blue platter, Fish cookie cutter, Modern half shade Gone with the Wind lamp, Blue onion plate, Pressed glass, Pair conway flow blue veg. dishes, Waldorf flow blue soup dish, Pr. Heavy Meissen plates, 3 Ridgeway Delft soup plates, Large German bowl, Bavarian and German dishes, Shaving mug, Edward M. Miller 1910 Lebanon plate, Matching pair of 1911 calender plates, Electric blue console set, Colored glass, Stemware, Sharon rose pick depression glass water set, Agate dippers, Redware pie plate, German bisque doll comp. body, Wooden planes, Small Aunt Jamima, Bank, Cast iron Rain Man figure, Goofus glass bowls, Lustre Rose Carnival glass bowls, Norman Rockwell prints, Norman Rockwell figurines, Hummel figurines.

ORIENTAL RUGS

3x5, 4x6, 5x9 and other sizes hand made in designs such as Tabriz, Bokhara, Chinese, Kashan and others.

This is a two party collection, the names being undisclosed for security reasons. It is our clients request that no one asks to consign any further merchandise to this auction. Come early no junk.

E.M. Murry Associates
Auctioneers

E.M. Murry Associates
287 Lime Rock Road
Lititz, PA 17543
Elmer Murry 626-5244 - 626-2636
Richard Murry 626-8175 - 949-2280
Ken Miller 665-2073
Professional Auctioneers, Appraisers, and Advisors
Since 1953

PUBLIC SALE

OF FARM EQUIPMENT
SATURDAY, JANUARY 22, 1983
@ 10:00 A.M.

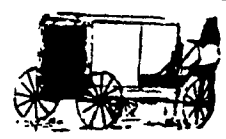
Located along Rothsville Rd., between Rt. 272 and Rt. 772, 1 mile north of Akron, Ephrata R.D. #2.

7 Holstein Heifers, 6 mos.-1 yr. old; Allis Chalmers D17 Tractor; Allis Chalmers 7020 Tractor w/cab, A.C., & weights, 1000 hrs.; Allis Chalmers 5050 Tractor w/loader, 1300 hrs.; Allis Chalmers CA w/Cultivator; Allis Chalmers G w/cultivator; N.H. #354 Grinder Mixer, like new; N.H. #461 Haybine; A.C. 4 row No Till Corn Planter; #2000 Fox Harvester w/PU and 2 row wide Corn Head, 540 RPM, like new; 36' Conveyor; 2 Farm Hand Forage Wagons w/roofs & 10 ton Running Gears; 2 Bale Wagons w/webs, 8' x 18'; Side mtd. A.C. 80S Mower; Zimmerman 32' Bale Elevator; 2 Row N.I. Corn Picker; 16 Hole Oliver Grain Drill; 24' Big Red Bale Elevator; 1000 lb. Platform Scale; A.C. Blower; 13' A.C. Transport Disc; Flat Wagon; Grain Blower; 50' Endless Belt; 10' Miller Transport Disc, like new; 12' Steel Land Roller; 12' Cultimulcher; 3 pt. Wood Splitter; Metal Cement Box; 1000 RPM PTO 55 Kw 3 phase Katolite Generator; 4600 Series 6 cyl. Caterpiller Power Unit; #675 N.H. Tandem Axle Manure Spreader; 12' Dunham Cultimulcher; Int. #700 5 Bottom Auto. Reset Plow; A.C. 4 Bottom Auto. Reset Plow; A.C. B Power Unit; Coby Tandem Axle Manure Spreader; #56 N.H. Hay Rake; Husky Field Spreader w/Plastic Tank; #303 A.C. Baler w/Thrower; 6" Jointer; 8000 Tobacco Lathe; Iron Water Trough, 10'; Dunham 8 Tooth Chisel Plow; N.H. Tank Spreader, as is; Dunham 6' 3 pt. Rotary Mower; 100 Sawed Locust Posts; Zimmerman High Pressure Washer; Breeding Tabulator; Cement Mixer; Stihl SG-17 Hand Sprayer; Anvil; 2 ea. 300 Gal. Steel Drums; Ext. Ladders; Hyd. Cylinders; 3 pt. Post Hole Digger; HOUSEHOLD ITEMS AND ANTIQUES: Iron Kettle Furnace w/2 Kettles & Lids, Made in Brunnerville; Old Meat Grinder; Copper Apple Butter Kettle; Old Safe w/comb. in working order; Several Guns; 2 Hit & Miss Gas Engines; Old Wood Benches; Childs Desk; Old Beds; Quilt Patches; Upright Cabinet; Lights; Rocking Chairs; Sewing Box; Coffee & end Tables; Old Dresser; Old High Chair; Bookcase; Books; New Walnut Hutch Dresser; 2 Yr. old Hoover Sweeper; 6 Chairs; 2 Oak Tables - 1 Ext., & 1 Drop Leaf; 2 Elec. Meat Slicers; Set of Dishes; Pool Table; Forks & Shovels; Nuts & Bolts; Chains, Hand Tools; Items Sold off Wagon.

ORDER OF SALE: Items off Wagon, Household Items, Equipment.

TERMS BY:
MILTON & LIZZIE HORST
Elton & Alvin Horning,
Auctioneers
Horning Farm Agency, Inc.
Main St., Morgantown, Pa. 19543
215-286-5183

PUBLIC AUCTION



New Holland Sales Stables, Inc.
New Holland, Pa.

Tractor & Horse Drawn Farm Equipment-Supplies-Small Items
FRIDAY, FEBRUARY 4, 1983
9:00 A.M.

SALE OF SMALL ITEMS 9:00 A.M. **FARM EQUIPMENT 11:00 A.M.**

New customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks.

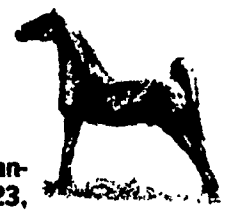
A list of your sale items must be in our office by January 18th to be included in our advertisement.

Other Equipment Sales are Friday March 4th and Friday, April 8th.

Abe Diffenbach, Manager
For more information contact Abe Diffenbach or Norman Kolb at 717-354-4341

SPECIAL HORSE SALE
DRAFT HORSES, MULES & DRIVING HORSES
FRIDAY, JANUARY 21, 1983

Tack 9:00 A.M.
Sale 10:00 A.M.



AT NEW HOLLAND SALES STABLES, INC.

12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

2 Load Draft Horses and Mules consigned by Ward Wright.

1 Load Draft Horses consigned by Jim Howard.

1 Load Draft Horses consigned by Christ Smucker.

1 Load Draft Horses consigned by Bill Meadows.

1 Load Driving Horses consigned by Clayton Waterbury.

1 Load Driving Horses consigned by Elam B. Stoltzfus.

1 Load Driving Horses consigned by Reuben Stoltzfus.

1 Load Driving Horses consigned by Jonas Beiler.

1 Load Driving Horses consigned by Levi B. Stoltzfus.

1 Load Saddlebred Horses consigned by Ben King.

Special Mention
1 pr. 3 year old Registered Belgian Sorrel Draft Horses, full brothers, well-mated, broke and sound.

Plus many more consignments.

For more information contact:
Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538

Next Horse Sale February 11, 1983

PUBLIC AUCTION
COLLECTABLE AND HOUSEHOLD ITEMS
FRIDAY, JANUARY 14, 1983
At 9:00 A.M.

Located just off Rt. 999 West at 365 Old Blue Rock Road. Take Blue Rock Street (Rt. 999 West) off Manor Ave. Millersville, Pa. Auction is app. one mile out of town.

Items consist of Frigadaire electric range, Whirlpool washer and dryer, one drawer stand, Windsor arm chair, Early cabrial leg table frame, Plank bottom chairs, Lydia Barr 1809 book plate and other book plates, Pa. Dutch folk art water colored paper cutting, 1878 sampler, John Miller quill drawing, dove-tailed boxes, graduated wooden spice boxes, Tea leaf lustre ironstone, beer steins, dog head cane, Marble top wash stand, Kerosene lamps, Victorian frames, Love feast mugs from Lancaster Moravian Church, stick spatter plates, Davensport blue plates, Breininger slipware, redware bean pot, tin candle mold, tin cheese molds, baskets, Bennington type bowls, iron train engine, butter mold, glassware, stemware, (Late Adams: platter, cups and saucers, vegetable dishes, dinner and sandwich plates) fine Hepplewhite style dining room suite (c. 1920 mahogany) Nippon bowl, Crystal Lamps, app. 100 pcs. Sterling silver flatware, tableware and candle holders, ruby glass, pattern glass, Early and late pewter, B&G plates 1964-near current, Early Victorian sofa, Ladies and Gents Victorian Chairs, Braided rugs, Phoenix china, Blue decorated crock, Marble top tables, copper lustre pitchers, Antique clothing, Costume jewelry, Records, Blanket chest, books, Albums, Slant top desk (c. 1920-30, Wicker vanity, Bedroom suite (c. 1940) Bookcase bed, Chest of drawers, Coverlett, Foreign stamps, Trunks, Tools, Rope bed, Garden tools, Ladders, Fishing rods, Benches, Lawn Boy solid state 21" mower.

Sale by,
ROBERT GIRVIN

E. M. Murry Associates
287 Lime Rock Road
Lititz, PA 17543
Elmer Murry 626-5244 - 626-2636
Richard Murry 626-8175 - 949-2280
Ken Miller 665-2073
Professional Auctioneers, Appraisers, and Advisors
Since 1953

Public Sales Register

Closing Date - Monday, 5:00 P.M. of each week's publication

FRI. FEB. 11 - 10 A.M. Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa. For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

FRI. FEB. 11 - 11 A.M. Public Sale of Construction Equipment, Cars, Trucks, Loaders and Etc. Located in Felton, DE. Carroll's Sales Co., Inc.

SAT. FEB. 12 - Public Sale of Farm Machinery, 23 Head Holsteins, Household Goods. Antiques, Ear Corn and Silage. Located 2 mi. east of Gap. James and Elizabeth F. Stoltzfoos, Owners. Steve Petersheim, Auctioneer

SAT. FEB. 12 - 10 A.M. Public Sale of Tractors, Trucks and Farm Machinery. Located at Rt. 40 and Dutch Mill Rd., Malaga, NJ. Joseph Jiannoti, Owner. Sickler and Scott, Auctioneers.

THURS. FEB. 17 - Public Sale of Holsteins and Farm Machinery. Located in Catawissa, Columbia Co. Amos Lapp, Owner. Steve Petersheim, Auctioneer

THURS. FEB. 17 and FRI. FEB. 18 - Two Day Sale of Farm Equipment. Located at Horst's Machinery Lot, just east of Marion, PA. Ralph W. Horst, Manager.

FRI. FEB. 18 - 9:30 A.M. Public Sale of Horses, 40 Head Holsteins, Farm Machinery and some Household. Located in Centre Co., 1 mi. east of Aaronsburg, PA on the Barr Hollow Rd. Ben Y. and Barbara Hostetler, Owner. Mark Glick, Auctioneer.

SAT. FEB. 19 - 10 A.M. Tack, 11 A.M. Horses. Consignment of all kinds of horses. Located at the Belleville Livestock Market. Special Horse Sale.

SAT. FEB. 19 - Public Sale of Farm Machinery and Cattle. Located ½ mi. east of Honey Brook. Amos K. and Lydia B. Blank, Owners. Steve Petersheim, Auctioneer

SAT. FEB. 19 - Consignment Sale of Farm Machinery located at 133 Rothsville Station Rd., Lititz, PA. Sale by Binkley & Hurst Bros. Inc. C.H. Wolgemuth and Bob Wolgemuth, Auctioneer

MON. FEB. 21 - Public Sale of Farm Equipment and Tools. Located at R.D. 1163 Bethel, Pa. Daryl G. and Doris E. Martin, Owners. John E. and Paul E. Martin, Auctioneers

TUES. FEB. 22 - Public Sale of Cattle and Farm Machinery. Located 2 mi. east of Strasburg. Jonas E. Fisher, Owner. Steve Petersheim, Auctioneer.

TUES. FEB 22 - Public Sale of Tractors, Farm Machinery. Along Meadow Valley Road near Ephrata, PA. Sale by Edwin Horning. Horst and Rentzel, Auctioneers

TUES. FEB. 22 - 10 A.M. Public Sale of Dairy Cows, Farm Equipment, Hay, and Corn. Located approx. 1 mi. southwest of Cambridge, just off Churchtown Rd., Lancaster Co. Terms by David B. and Anna King. Horning Farm Agency, Inc.

FEB. 23 - Annual Winter Auction at Ag Industrial Equipment, 1207 Telegraph Road, Rt. 273, Rising Sun, MD.

THURS. FEB. 24 - Public Sale of Farm Machinery and Household Antiques. Located 2 mi. east of Intercourse. Emanuel Zook, Owner. Steve Petersheim, Auctioneer.

THURS. FEB. 24 - Annual Winter Auction at Ag Industrial Equipment, 1207 Telegraph Road, Rt. 273, Rising Sun, MD.

THURS. FEB. 24 - 9 A.M. Public Sale of Horses, 21 Holsteins, Farm Machinery and some Household. Located in Mifflin Co., 3 mi. west of Milroy, PA on Back Mt. Rd. John S. and Dena Yoder, Owners, Mark Glick, Auctioneer

THURS. FEB. 24 - 9:30 A.M. Public Sale of Farm Equipment and Tools. Located along Rt. 322 2¼ mi. west of Blue Ball, Lanc. Co. PA. For the Rufus K. Sensenig estate. Auctioneers- Lamar Sensenig and Paul Horst.

FEATURING FIRST AND THIRD MONDAY EACH MONTH

GRADED FEEDER PIG SALE

1:30 p.m. Sharp!
Telephone 302-734-2018 or 284-4541
Tele-O-Auction - 302-284-4912
* Tele-O-Auction - Bid over the telephone.
* Easy to reach - Rt. 13, on South Bound Lane, approximately 10 miles South of Dover, Delaware.
* Quick Service - Load & Unload.
* No Dealer pigs.
* Pigs received after 7 a.m. until 11 a.m.
* Consignors - Paid day of sale.
* Veterinarian inspection on premises - Dr. Towers.
* State Graded.
* Pseudorabies Free State.

Auctioneers-Harry Barrett - Chester Lee Carroll

AUCTIONS OF ALL TYPES

PUBLIC SALE
OF REAL ESTATE
(Sm. 6 Acre Farm)
OLD HAND TOOLS, HORSE EQUIP., CROCKS
WED. JAN. 12
at 11:00

Loc. along Peach Bottom Road, R. D. #2 Willow Street, West Lampeter Twp., Lanc. Co., PA (Dir.: take #222 South of Lancaster to Willow Street Diner & Burkholder's Used Car Lot, continue South on #222 one block to Peach Bottom Road, turn right to sale).

REAL ESTATE: 6.6 acre sm. farm w/lots of road frontage on Peach Bottom Road. 2½ story 10 room & bath frame house. House contains: kitchen w/elec. stove, dining room, 2 living rooms, sun porch & powder room on first floor. 4 bedrooms & utility room on second floor. 2 finished rooms on third floor. Full basement, elec. water heater, well water, city sewage (with city water available). 2 story frame bank barn w/stables & double hay mow, 2-car frame garage, 1½ story frame butchering house & frame hog pen (buildings need repair). Total of 6.6 acres of very nice level ground w/600' feet road frontage along Peach Bottom Road w/city water & sewage running along road (very nice for developing). Property will be open for inspection Fri. Dec. 31 & Sat. Jan. 8 from 10:00 A.M. until 12:00 Noon. Real Estate to be sold at 2:00 P.M.

HORSE EQUIP.: Old corn wagon, cult. & planter, 5' mower, grain drill, single & dbl. trees, harness, collars, hames, 38' wooden ext. ladder, other ladders, bag wagon, single hole corn sheller, etc.

TOOLS: D. Hagen post hole axe, boad axe, ice tongs, Conestoga grease bucket, wheat cradle, draw knives, pulleys, planes, buck saws, bench vise, other misc. tools, items in iron, wooden, copper & lots of lg. & sm. crocks. Other articles not listed. NO OUT OF STATE CHECKS ACCEPTED. Food served.

Sale by
MR. & MRS. ABRAM H. HUBER
Carl G. Herr, Attorney
HOWARD SHAUB, 464-3541
and Roy C. Probst, Auctioneers

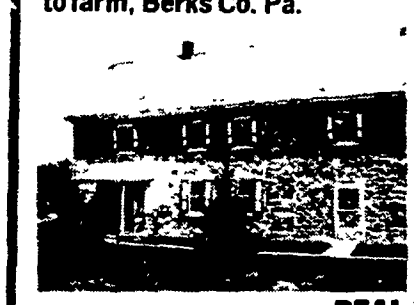
PIG SALE!
FRIDAY, JAN. 14 — 1:30 P.M.
Grading 8:00 A.M. - 12 Noon

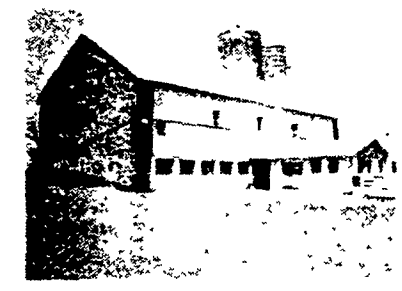
* All Pigs Direct From Farm
* Super Cleaned & Disinfected Yard
* Less Shrinkage From Long Distance Trucking
* Commission 1.25 hd. (Flat Rate) No. %
* Pigs Tagged On Arrival
* All Pigs Graded and Weighed On Arrival
* All Pigs Sold By The Pound

CARLISLE
LIVESTOCK MARKET INC. I-81 Exit 12
Phone (717) 249-4511 or Jim 249-2359
Call us in advance and let us work for you!!
BUYER'S - If you can't make it call and give us your order!

PUBLIC AUCTION
MODERN 110 ACRE DAIRY FARM
MODERN FARM EQUIPMENT
TUES. JAN. 18, 1983
at 11:30 A.M.

Between Boyertown & Oley, 2 blocks west of the village of Pleasantville turn off Rt. 73 onto blacktop north to 1st lane right to farm, Berks Co. Pa.





REAL ESTATE

110 acre limestone soil dairy farm, approx. 80 acres tillable, bal. meadow pasture land w/large Manatawny stream flowing through property. 2½ story stone, 3 BR house w/mod. kit., bath, heat & other conveniences. A large 76 Show-Ease stall barn w/Patz continuous flow gutter cleaner, 800 gal. milk tank & Delaval pipe line milker, larger part of barn recently built, attached milk house & office. (2) 20' x 70' concrete silos 1 is air tight w/bottom unloader; 14' x 35' poured concrete silo, large equip. shed, & others, heifer shed, plus cattle shed in pasture. Lot of road frontage. This is a chance to buy a very fine dairy farm.
For inspection call (215) 987-3700 6 to 9 A.M. & 4-7 P.M.
Terms- 10% day of auction, bal. by March 15, 1983.

FARM EQUIPMENT

JD 4430 diesel w/cab, air, heat etc., Quad range, triple hyd. outlets, 3,000 hrs.; duals for same; J.D. 2520 diesel, wide front & side console; J.D.-B tractor w/3 pt., roll-o-matic, etc.; Bob Cat #310 skid loader w/(2) buckets & (2) forks, 255 hrs.; J.D. F350 semi mt. six bot. 16" hy. reset pl.; J.D. 14' 3 pt. chisel pl. w/gauge wheels; J.D. 14' transport disc w/dual wheels; J.D. 16 single disc grain drill; Dunham 10' roller harrow; J.D. 700 Conservation six row 30" corn planter; NH #890 forage harvester w/2 row narrow corn head; two r narrow snapper, #880 grass pickup; N Idea 323 corn husker; NH 352 grinder mixer; McCurdy 6 ton gravity grain wagon; Badger forage wagon; J.D. 214 forage wagon; NH #6 crop carrier forage wagon; Grove four wheel dump trailer; NH #33 flail chop cropper; NH 275 baler w/thrower; NH 679 tandem axle manure spreader w/hyd. end gate; 3 pt. round bale carrier; JD 1209 haybine used one yr.; Pequea pto hay tedder; Farmbuilt 8'x8'18' metal bale side wagon; Midwest 16' metal bale side wagon w/bunk feeding arrangement; (2) other four wheel bale side wagons; NH 56 rake; JD #50 side mt. 9' mower; Little Giant 32' bale & grain elev.; Badger #542 pto hopper silage blower used 1 yr.; JD 250 gal. trailer type weed sprayer; Chop'n Bed cow stable straw shredder; JD #88-3 pt. 8' blade; 12.5 KW pto gen; JD 3 pt. rear ground scoop; (2) JD 3 pt. quick tach hitches; belt driven grain blower; tractor weights.
Auct. Note.- Most equipment is 1 to 4 years old. Sale order- Real Estate 12 Noon, Farm Equip. 12:30
Terms- Cash or Check, out of state checks w/bank letter of credit only.
Refreshments Available

Ordered by
KEVIN L. & LOIS A. HERTZOG

Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084

Public Sales Register

Closing Date - Monday, 5:00 P.M.
of each week's publication

FRI. FEB. 25 - 7 P.M. Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa., For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

FRI. FEB. 25 - 9 A.M. Public Sale of New Used and Abused Farm Equipment, Tools, Antique Tractors and Engines. Located 10 mi. east of Lancaster between Leola and New Holland, turn off Rt. 23 on S. Groffdale Road, turn left on Musser's School Road, Lancaster Co., PA. Terms by Elias S. Beiler. Auctioneers - Robert E. and Jeffrey R. Martin 656-7770, Frank Steller and Blaine Rentzel.

FRI. FEB. 25 - 1:30 P.M. Dairy Cattle Sale. Penns Valley Livestock Auction, Centre Hall. 814-364-9096

FRI. FEB. 25 - 10 A.M. Public Sale of Holstein Dairy Cattle, Farm Machinery and some Household. Located in Centre Co., 3 mi. east of Aaronsburg, PA on Rt. 45, turn south on Quarry Rd. Israel S. and Rebecca Yoder, Owners. Mark Glick, Auctioneer

SAT. FEB. 26 - Public Sale of Farm Equipment and Household Goods. Located along Bridgeville Rd., east of Goodville. Aaron and Mary Shirk, Owners. Nevin Martin and Paul Hurst, Auctioneers.

SAT. FEB. 26 - Public Sale of Farm Machinery. Located 2 mi. west of Honey Brook. Robert Campbell, Owner. Steve Petersheim, Auctioneer.

SAT. FEB. 26 - Public Sale of Farm Equipment. Located along Cloverleaf Rd. just off Rt. 283 at the Rheems-Elizabethtown exit, near the Norlanco Medical Center. Sale by Harlan M. Hoover. Raymond Miller and Rufus Geib, Auctioneers

SAT FEB. 26 - Public Sale of Farm Equipment Located on Lime Rock Road, ½ mile west of Lititz. Sale by Howard O. Martin. E.M. Murray and Associates, Auctioneers.

SAT. FEB. 26 - 9 A.M. 9th Annual Public Sale of Strasburg Fire Co. Located in Strasburg, Pa. Elvin Siegrist, Auctioneer.

SAT. FEB. 26 - 1 P.M. Public Sale of Bred Gilts, Boars and Open Gilts. Located at the farm in Whitehall. Calvin H. Lazarus and Sons. 215-799-3375.

SAT. FEB. 26 - Public Sale of Farm Equipment. Located 1 mi. south of Hustontown, PA. Tom Taylor, Owner. Ralph W. Horst, Auctioneer.

MON. FEB. 28 - Inventory Reduction Auction of New and Used Farm Equipment and Used Lawn and Garden Equipment (no consignments) by Adamstown Equipment, Inc., Adamstown, Pa. John E. and Paul E. Martin Auctioneers

MARCH

THURS. MAR. 3 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

THURS. MAR. 3 - 10:00 A.M. Public Auction of Outstanding linemodern John Deere Farm Equipment and other models located along Anchor Road, Box 195, Washington Boro, Pa. Sale by Mr. & Mrs. J. Wilmer Eby; Auction conducted by the J. Omar Landis Auction Service, Jay M. Witman and Omar Landis, Auctioneers

THURS., MARCH 3 - Public Sale of Farm Machinery, Ford Tractors, Harvestore Silos, M Gleaner Combine, Grain Bin and Tools. Located 3 mi. west of Gap. Roman and Fannie Beiler, Owners. Steve Petersheim, Auctioneer.

FRI. MAR. 4 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc., New Holland, Penna.

FRI. MARCH 4 - 9 A.M. Consignment of all kinds of machinery. Located at the Belleville Livestock Market. Annual Spring Machinery Sale.

FRI. & SAT. MAR. 4 & 5 10 A.M. Sharp. Two Day Annual Consignment Sale - Public Sale. Donald Scheese Farm, RD 3 Box 288, Elmer, NJ 08318. For info. call 609-455-3462 or 609-769-4025. Auctioneers-Blaine Rentzel and Clyde Wolgemuth.

FRI. MAR. 4 - 9:00 A.M. Public Sale of Farm Equipment at New Holland Sales Stables, Inc., 12 miles east of Lancaster, Pa. at New Holland, Pa. For more information contact Norman Kolb or Abe Diffenbach 717-354-4341

SAT. MARCH 5, 1983 Bart Township 19th Annual Fire Co. Sale.

Good's Auction

111 North Maple Ave.
Leola, PA

Hay, Straw and Corn Sales
Every Wednesday at 12:00 Noon

DAVID H. GOOD & SONS
111 North Maple Ave., Leola
717-656-9558

PUBLIC SALE

OF ITEMS LEFT IN OLD BUILDING AT TEL HAI NURSING HOME INCLUDING BUILDING

SATURDAY, JAN. 15

At 10:00 A.M.

Location of sale: Tel Hai Nursing Home. From Honey Brook take Rt. 10 south of Beaver Dam Road, turn left to sale.

D-318 Caterpillar Diesel Elec. Gen. Power Unit; Propane Gas Army Surplus Elec. Gen.; 1 Upright & 1 Chest type Freezer; Gas Range; Fire Extinguisher Set w/Sprinkler Sys. & Hood for Commercial Kit.; Dbl. S.S. Kit. Sink w/Dishwasher; 100 Wooden doors ranging from 30" - 42", solid & hollow, Also numerous Dbl. Doors; 3 Metal Fire Escapes w/Wire Mesh; Intercom Phone Sets plus Base; Lots of Alum., Glass, Doors & Windows; Complete Smoke Detector Set for Complete Bldg.; 5 Air Conditioners; Sev. Sets of Kit. & Office Cabinets; Metal & Wood Shelving; Curtains; Drapes; Dbl. Sets of Fire Resistant Doors w/ Frames; In-Wall Elec. Heaters; Lots of Handrails; Lots of Bathroom Fixtures incl. Commodes, Tubs, Medicine Cab. & Dispensers; Odds & Ends of Chairs; Sev. Elec. Water Cooler Fountains; Metal Bedside Stands; Rotor TV Antenna Sets; Lots of Bedpans, Basins, Etc.; Sev. Metal Chests of Drawers; Sev. Over the Bed Tables; Wood Deks w/Drws.; Sm. Wall Mirrors 6"x2'; 40 Hospital Beds; Cast Iron Baseboards for Hot Water Heat; S.S. Commercial Ref. w/Dbl. Doors; Metal Wardrobes; 3 Wooden Single Beds; Old Maytag Wringer Washer; Lots of Large Elec. Boxes & Wiring; Propane Gas Water Heater; Oil Water Heater; Floor type Propane Gas Heater; Metal Doors w/Panic Latches; Old Boiler, as is; Wall Paneling; Many other items not mentioned. After items are sold, the Building Itself will be offered for sale for demolition.

TERMS BY:
TEL HAI REST HOME
Elton & Alvin Horning, Auctioneers
Horning Farm Agency, Inc.
Main Street, Morgantown, Pa. 19543
215-286-5183

PUBLIC AUCTION

AT RUDNICK'S DAIRY SALES BARN
Rte. 213 - GALENA, MARYLAND

SAT., JANUARY 15
at 12 Noon

43 HOLSTEIN COWS & HEIFERS

This herd consists of 33 Milk Cows, some Fresh, many in full milk, some dry and springers...5 Bred heifers due for spring production, 4 Open Yearling Heifers, 1 Holstein Bull.
T.B. & Bangs Accredited & Retested for sale.

Consigned by H. Robert Deputy of Kirkwood, DE.
Sale at Galena, MD.

HARRY RUDNICK & SONS, INC.
Auctioneers
Galena, MD. 301-648-5601

TWO DAY PUBLIC SALE

EARLY ANTIQUE FURNITURE, PRIMITIVES, WOOD, IRON, TIN, DOLLS, LOTS OF QUILTS, HOUSEHOLD GOODS

FRI. JAN. 14
At 10:00

(ANTIQUE GLASSWARE, CHINA, CROCKS, TIN, IRON & WOODEN ARTICLES)

SAT. JAN. 15
At 10:00

(ANTIQUE FURNITURE, GLASSWARE & CHINA, TIN, IRON & WOODEN, DOLLS & QUILTS)

(Furniture will be sold @ 1:00 P.M.)

Sale to be held in Al Starr Community Building, Village of Willow Street, PA. (Loc. south of Lancaster along northbound Rt. 272 behind new fire hall).

Columbia coal cook stove w/bun warmer, coal or wood 2 plate stove; FINE: Walnut early slant top desk w/bracket feet, early high chest of drawers w/OG feet, blanket chest w/German lock & strap hanger, sm. pegtop table w/stretcher base, 2 blanket chests, rope bed w/carved headboard, hall rack w/marble base, round dropleaf ext. table w/boards; CHERRY: 4-leg dropleaf table w/butterfly leaves, fine rope bed, sml. table w/drawer, chest of drawers, etc.; PINE: Pegtop farm table, two early 2 pc. corner cupboards, low dry sink, dbl. lead wood box, 6-leg dropleaf table, slant top secretary desk, lg. low dry sink, 4 jelly cupboards one w/candle holders, dough tray, wash stand, spool bed, etc. Three sets of six plank bottom chairs (w/orig. dec.), Boston Rocker w/orig. decor., Windsor chairs, 4 pc. cottage bedroom suit, spinning wheel, early yarn winders; OAK: McDougall kitchen cabinet, 3 pc. carved hard bottom love seat, rocker & chair set, fine high back swivel desk chair, min. corner cupboard, 6-leg dropleaf table, sq. ext. table, pie crust mantel clock, MAHG. furniture, Sheraton & oak mirrors; Lg. Med. & sm. bride's boxes; BOOKS: 1752 German Bible, 1886 Martyrs Mirror, 1864 Lanc. Co Atlas, Bottles, Jars, lots of Crocks, fine blue sponge spatter water jug, blue sponge spatter bowl, Slipware crock & mug, Bennington bowls & spittoon, early baskets, items in Iron, wooden, tin & agateware, early butter prints: Eagle, flowers & tree, butchering tools, lanterns, German animals, old toys, old post cards & valentines, 17 fine old patch quilts, blue home spun linens, hand hooked rugs, rag carpet, early pewter, dec. ironstone, min. oil lamps & other fine lamps, cups & saucers in: Florilla, Tyrol, Cleopatra, etc., glassware & china in Flow Blue, Historical, Blue Willow, early Soft Paste, flint, sandwich, blue satin, cobalt blue, sm. A.B.C. plate, German, pink, blue & green depres, green carnival glass, 1906 calendar plate, lustre, blue milk glass, Nippon, milk glass, English, Ironstone, pressed glass pots & pans, Coldspot upright freezer, Frigidaire ref. wringer washer, 3 pc. uph. living room suit, other articles not listed. NO OUT OF STATE CHECKS ACCEPTED. Food served.

Sale by
MR. & MRS. ABRAM H. HUBER
HOWARD SHAUB, 464-3541
& Roy C. Probst,
Auctioneers

PUBLIC AUCTION

COMPLETE LINE OF VEGETABLE FARM EQUIPMENT

SAT. JAN. 15, 1983

9:00 A.M.

From Rt. 206 Take 543 West of Columbus or take 543 East from Rt. 130 at Lucas Ford, Burlington.
Having sold his farm and moving to Fla. Mr. Harris will sell the following:

Tractors: IH 706 diesel major overhauled engine last season, High flotation tires and fast hitch, Farmall C w/planter & cult., 2 Farmall AV w/cult. and sidedressers, Super M, w/FEL, MF 135 w/3 PTH, Oliver 70 w/cult., Oliver Orchard Tractor, F-20 w/corn duster.
Combine: 1965 Gleaner w/13' grain head, gas engine & cab.
Trucks & Car - 1974 Pinto wagon, 1964 Ford 1000 w/1978 gas engine, 30,000 miles, single axle & sliding 5th wheel, 38' Trailmoble Tri axle flatbed, 35' Great Dane tandem grain trailer, 26' Dorsey single axle grain trailer, 1962 Ford 800 Dump, 51 Ford tank truck, 51 Ford Dump (as is)
Equipment: IH Model 540 4-bottom plow w/fast hitch, Brillion 12' roller harrow, 13' IH cutharrow model #37, MF 3 pt. 3 bottom plow, Myers 500 gal. Air blast sprayer w/Chyr. 6 cyl. engine, JD 16 disc grain drill, JD model 94A 4 row corn planter, Century 300 gal. fiberglass sprayer on rubber, JD 10' fert. drill, 3 pt. spin spreader, 2-1 row transplanters, IH 3 pt. 2 row corn planter w/fert. attachment, Iron Age 2 row potato planter, McCormick ground driven manure spreader, 3-3pt. Ford cult., Oliver 1 & 2 row potato diggers, NI trailer sickle bar mower, Ford 5' 3 pt. rotary beater, 3 pt. scraper blade, 2 wheel dump corn carts, 1 row onion planter, flat wagons, 2 & 3 sect. scratch harrow, Case 1 bottom pull plow, 3' Fert. drill, 3 pt. weeder, David Bradley seed cleaner.
Packing Equip.: Lo Bee washer & dryer, endless belt sorting table, T.E.W. Peach & Apple sizer, baggers platform scales, bag trucks, misc. baskets & crates, 25,000 horse radish roots.
Irr. Equip.: 600 gal. P.M. pump w/Chry. engine, Stout - 6"x20' 6 pc., 5"x20' 60 pc., 4"x20' 24 pc., 4"x40' 46 pc., A&M 5"x20' 40 pc., 40'x6" suction, 50 Rainbird & Buckner sprinklers misc. fittings.
Shop Equip.: 550 gal. tank w/elec. pump, 2-275 gal. tanks w/hand pumps, Agway hot air heater, 1 HP air compressor, Homelite 600 watt gen., Sears portable pump, air grease gun, drill press, vises, workbenches, grinder, hand tools, anvil, & lots of crib house articles too numerous to mention.
Terms: Cash **Food Stand**

Selling For
EDWARD HARRIS
Columbus-Burlington Rd. (Rt. 543)

Richard P. Allen, Auctioneer
609-267-8382

PUBLIC SALE

HOUSEHOLD GOODS - ANTIQUES — FEW TOOLS

FRIDAY, JANUARY 28, 1983

6:30 P.M.

Sale held in Quarryville, PA at the Fair Grounds in Hoffman building. From Rt. 372 turn south onto Rt. 472 approx. 2 blocks to park entrance.

HOUSEHOLD GOODS - ANTIQUES

Columbia cook stove range; extension table; Kenmore wringer washer; Glenwood wood stove; Mahogany round extension table w/boards; 4 Oak dressers w/mirrors, designed; Oak rockers; Oak master living room chair; Cherry Granny rocker; marble top dresser; 2 library tables; knee hole desk; dresser; Oak 5 drawer chest w/mirror; 4 single iron beds w/springs; iron bunk bed; Mahogany bed; double iron bed; Mahogany writing desk; 2 wardrobes, 1 w/mirror; kitchen cabinet w/shelves and drawers; solid wood night stand; Maytag food deep freezer; metal top tables; plank bottom and cane chairs.

MANTLE CLOCKS

Winona built in 1881 by Waterbury Clock Co.; mantle clock built in the 1800s; Seth Thomas wall clock built 1779, all in good running condition.

Sterling No. 20 iron meat slicer; brass bell; 2 floor lights; 1 brass; meat grinder; old camera; blue base kerosene light; pewter dish w/lid; petwer bowl; wooden stool; jelly cupboard; Woodstock typewriter; crocks; old picture frames; 4 trunks, 2 camel backs; old benches; picture of stage coach in sight; table bench; iron pots and skillets; Quality coal and electric cook stove; old mirrors; 6 ruby red tumblers; seed cleaner; steam irons; old walking canes; pretzel basket; coffee table; kitchen utensils; blankets; comforters; quilts; gas space heater; milk white dishes; grain cradle; box lots; few old tools.

Owners
RAYMOND L. SMOKER

Auctioneer:
Steve Petersheim
717-786-4624

Refreshments on premises

PUBLIC AUCTION

CONSTRUCTION EQUIPMENT
CARS, TRUCKS, LOADERS, ETC.
FRIDAY, FEBRUARY 11, 1983
11 A.M.
Felton, Delaware

Attention Contractors & Equipment Dealers
Consignments are now being taken.
Consign Now
Call or write us for consignments forms.

Chester Lee Carroll — Richard B. Carroll
Anthony B. Carroll — Harry Barrett, Jr. Sls. Mgr.

Carroll's Sales Co., Inc.

P.O. Box 307, Felton, Delaware 19943
302/284-4911 302/284-4541

Brooks End Farm
Par Kay Farm
"Mother Herds" of the Mother Breeds
Beavertown, Pa. 17813

FULL IRISH INNISCARA GREENBACK 3044
This is our kind of mother. She is the right kind of mother. She is the mother of our $3900.00 top selling bred gilt in our Oct. 1978 sale.

ANNUAL WINTER SALE

At the farm
FRIDAY, JAN. 21
1 P.M.
250 HEAD
100 BRED GILTS
100 OPEN GILTS
50 BOARS
YORKSHIRE - LANDRACE
"THE PIG OF TOMORROW is at OUR PLACE TODAY"

- 31 years of planned breeding program
- 31 years of leadership in the swine industry
- 31 years of winners - SHOW RING - CARCASS - TEST STATION

It is not what we say - It is what the record of proof says.

THE PA SWINE TEST STATION IS 16 YEARS OLD.

- OUR 16 years of TESTING at this station in competition with other breeders were good ones.
- OUR pigs hold the all-time record for Ham-Loin % for pen average.
- OUR pigs hold the all-time record for Loin-Eye Area for pen average.
- OUR pigs hold the all-time record for Length of pig.
- OUR pigs hold the all-time record for Most Superior Sires Tested.
- OUR pigs hold the all-time record for the Most High Indexing Tested boar winners.
- OUR records prove more pounds of gain from less feed per day.

THESE RECORDS ARE THE PROOF THAT WE PROFIT ON THE COST END AND ON THE SALES END (DOUBLE PROFIT)
THIS ALL SAYS:
THE PIG OF TOMORROW IS AT OUR PLACE TODAY

YORKSHIRES - LANDRACE - DUROCS

Visit our farms or come to one of our production sales - four each year - Jan., Apr., June and Oct.

Healthy Herds
Pseudorabies & Brucellosis
Certified Free

BROOKS END & PAR-KAY FARMS
Park and Reno Thomas and Mark Stehr,
Beavertown, PA 17813
Phone 717-658-6544-Park
5821-Reno 7007-Mark
Auctioneer: Dan Baker, Lafayette, IN
CATALOGUES AVAILABLE

Public Sales Register

Closing Date - Monday, 5:00 P.M
of each week's publication

SAT. MARCH 5 - 9:30 A.M. Public Sale of Farm Equipment, Household Goods and Antiques. Located 2 mi. north of Bird-in-Hand, turn off Rt. 340 on Beechdale Rd. to Stumptown Rd., turn right, 1st road left on Millcreek School Rd. Elvin W. and Lucinda M. Groff, Owners. Robert E. and Jeffrey R. Martin and Frank Steller, Auctioneers

SAT. MAR. 5 - 10 A.M. Public Sale of Farm Equipment and Household Goods. Located approx. 3 mi. north of Morgantown, along Rt. 10 Caernarvon Twp., Berks Co., PA Terms by Eli Zeiset. Horning Farm Agency Inc.

MON. MARCH 7 - Public Auction of Farm Equipment by Noah W. and Barbara A. Wenger. Location take Rt. 272 north from Ephrata to Hess Foods. At Hess Foods turn left on Wabash Road, go to crossroads. Straight through crossroads onto Indiantown Road. Go to Wallops Hill Road, turn right to farm on left. John E. and Paul E. Martin, Auctioneers

FRI. MAR. 11 - 7 P.M. Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa. For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

SAT. MARCH 12 - Public Sale of Farm Equipment, Located at 61 Clay Rd., Lititz, PA. Clarence W. Weaver, Owner. John E. and Paul E. Martin, Auctioneers.

SAT. MARCH 12 - Public Sale of Farm Equipment. Located near Lees crossroad, 6 mi east of Shippensburg. Charles Strohn, Owner Nevin Martin and Melvin Sensenig, Auctioneers.

SAT MAR 12 - Public Sale of Farm Equipment located between Mt Joy and Mastersonville along Meadow Road (1 mile SW of Mastersonville) near Chiques Church of the Brethren. Sale by Guy Stauffer, Rufus K Geib and Raymond Miller, Auctioneers

SAT. MARCH 12 - 8:30 A.M. Public Sale of Household Goods, Farm Machinery, Livestock, Antiques and Quilts. 15th Annual Sale for Gordonville Fire Co. Local Auctioneers.

SAT. MAR. 12 - 10 A.M. Public Sale of Good Machinery. Located in Centre Co. ½ mi. north of Potters Mills, PA on Rt. 144, turn east on Lower Georges Valley Rd., 1½ mi. to farm. Dick and Lucille Fuller, Owners. Mark Glick, Auctioneers.

MON. MARCH 14 - Public Sale of Farm Equipment located along School House Road just east of the Middletown exit of Rt. 283. Sale by J. Allen Dehmey estate. Raymond Miller and Rufus Geib, Auctioneers.

TUES MARCH 15 - 12 Noon. Complete Mar-Gra Registered Holstein Dispersal. Located 6 mi northeast of New Holland, Rt. 23 east to Rt. 625 north, approx. 2 mi turn right onto Union Grove Rd., 1 mi to farm on left Marvin and Grace Reed, Owners. Kline and Kreider, Auctioneers

TUES MAR 15 - 9 A M Public Sale of 52 Head Holsteins, Farm Machinery, Some Household and Antiques, Located in Mifflin Co., 3 mi northeast of Belleville, PA on Maple Grove Rd Mr and Mrs John W Spicher, Owners Mark Glick, Auctioneer

THURS. MAR 17 - 11.00 A.M. Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

THURS. MARCH 17 - Public Sale of Modern Farm Machinery and Personal Property. Located at the farm, 572 Millway Rd., Lititz, PA, from Lititz go 1 mi. north on Rt. 501, turn east on Newport Rd., 2 mi. to Millway Rd, turn left to farm. Estate of Jesse Balmer Kline and Kreider, Auctioneers

FRI. MARCH 18 - 5:30 P.M. Public Sale of Tractors, Trucks and Etc Located at the Kempton Community Center 12 Auctioneers

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FARMERSVILLE AUCTION

TUESDAY, JANUARY 11, 1983
5:30 P.M.

In Farmersville, 3 mi. east of Brownstown Lanc. Co., Pa.

General Household Goods Sale

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
354-5095

PUBLIC SALE

REGISTERED HOLSTEINS
FARM MACHINERY
EAR CORN — HAY
HOUSEHOLD GOODS — ANTIQUES
SAT., FEBRUARY 12, 1983
9:30 A.M.

Located in Lancaster County, PA - 1½ miles east of Gap. From Rt. 30 & 41 go south on Rt. 41 to Minit Market, turn east on Strasburg Pike, follow signs or from Rt. 30 east turn south onto Simmontown Rd. at Tony's Pizza.

2:00 P.M.
33 HEAD REGISTERED HOLSTEINS

17 milk cows, 6 due in Jan. & Feb., 4 due March, balance in all stages of lactation. 16 head heifers, 6 due Jan., Feb., March. 10 breeding age to calves. Animals all sired and bred to registered bulls. Sires represented: Very - Ivanhoe Star - Gay - Snowman - etc. Pregnancy checked, Health charts.

Auctioneer's Note: Breeders & Producers, this is an opportunity to buy registered animals with classification potential.

FARM MACHINERY

4 TRACTORS: Allis Chalmers diesel, standard transmission, 2 speed, 3 pt., wide front, good condition; Allis Chalmers D17 gas with loader, P.T.O., hydraulic, snap coupler; 2 Farmall H, hydraulic, P.T.O., 1 in good running condition, 1 needs work; set of cultivators fits H.

TILLAGE & FORAGE EQUIPMENT

8 ft. Miller disc; 3 John Deere discs, 1 off-set; 2 24 discs, need some work; 9 ft. single cultipacker; John Deere 3 section spring tooth harrow; John Deere 18 in. 2 bottom trailer plow; Allis Chalmers 2 row corn planter fast hitch; New Idea single pull type corn picker; 2 grain bin wagons; New Idea fertilizer drill; Massey Ferguson forage blower; John Deere 4 bar rake; New Idea cutditioner; New Holland 469 haybine; New Idea 7 ft. bar mower, pull type P.T.O.; New Idea manure spreader, P.T.O., good condition; Ruth bale elevator; 16 disc Ontario grain drill; flat bed wagon; flat bed farm trailer; International bottom mounted bar mower fits H, needs bar; Winpower No. 35 generator P.T.O.; potato plow, good condition; battery charger; air compressor; hi pressure washer; log chains; grind stone; big vise.

Approximately 50 ton ear corn; approx. 17 ton alfalfa hay

HOUSEHOLD GOODS — ANTIQUES

Oak chest of drawers; old corner cupboard w/grain, finish very nice; Cedar wardrobe; Oak 5 drawer chest of drawers; Cherry blanket chest; oak rocker; kitchen table; old wood chest; Oak 5 drawer chest; 6 matching plates; large platter; old butter dish with lid; 2 piece living room suite; plank bottom chairs; 6 piece berry set; iron youth bed; 2 glass stands with lids; 4 folding benches; 2 set old cups & saucers; metal cabinet; Multiplex Hammon old type writer; crocks; skillets; tin milk cans; glass cake stand; porch rocker; cut, designed, blowed and depression glass; wooden clothes dryers; baby crib; comforters; hand cultivators; old boxes, etc.

Owners:
JAMES & ELIZABETH F. STOLTZFUS
Auctioneer:
Steve Petersheim
717-786-4624

Lunch by Gap Fire Co. Ladies Auxiliary

PUBLIC SALE

OF REAL ESTATE, ANTIQUES, HOUSEHOLD GOODS
SATURDAY, JANUARY 29, 1983
at 9:30 A.M. Real Estate 1:00 P.M.

Location: At the Denver Fire Hall, Fifth and Locust Streets, Denver, Pa., Lancaster County, Pa.

All that certain tract of land
4 Acres, more or less, with
2½ Story Stucco Home

2 bedrooms, bath, living room, dining room, kitchen, laundry, 2 car garage, tool shed, 2 wells, coal furnace - 2 years old, hot water heater - 2 years old.

Property is located along road leading from Black Horse to Fritztown, ½ mile East of Black Horse, along Ridge Rd. Property will be sold at Denver Fire Hall, to view property January 15 - 22, 1 P.M. to 3 P.M.

Terms: 10% down day of sale, settlement within 30 days. Real Estate 1:00 P.M.

Antiques

Oak Bedroom Suite; China Closet; Plank Bottom Chairs; Old Chairs; 2 Wash Stands; Blanket Chest with drawer; Childs Chair; Small Tilt Top Table; Wooden Pot; Picture Frames; Old Pictures; Clothes Trees; 2 Treadle Sewing Machines; Lap Rope; Quilts; Quilt Tops; Shawls; Rag Carpet; Old Books; Flat Irons; Iron Dog; Old Dolls; 2 Post Card Albums; Old Newspapers; Post Cards; Old Calendars; Old Valentines; Small Table with Drawer; Viewmaster; Old Fans; Bank; Book Stand; Sheet Music; Violin; Chicken on Nest; 3 Prong Forks; Bone Handle Knives & Forks; Souvenir Earl A. Scheetz, Stevens; Souvenir Wm. G. Leininger, Mohnton; Iron Table Light; Cane Seat Rocker; Carnival Glass; Cake Stands; President Plate; Luster Pitcher; Salts; Glass Eggs; Ironstone; Depression Glass; Pink Italian; Cut Glass; Jewelry; Cookie Cutters; Iron Skillets; Scale; Small Iron Kettles; Reed Flower Stand; J. G. Leber Bottle, Ephrata; Baskets; Clarinet Parts; Crocks; Jugs; Copper Boiler; Large Iron Kettle; Butcher Scale; Shoe Lathe; Lard Press; Meat Grinder; Small Washstand; Agate Ware; Majolica and many, many more antiques.

1966 CHEVY II

Household Goods

Gibson Refrigerator-Freezer Side by Side; Maytag Wringer Washer; Brothers Sewing Machine, like new; Dining Room Suite; Whirlpool Air Conditioner, like new; Small Tables; Window Fan; Sweepers; Shoe Rack; Hassocks; Table Lights; Floor Lights; Chicken and Rooster Collection; Metal Cabinet; Mirrors; What Not Shelves; Church & Fire Co. Plates; Philco T.V., Color; Coffee Table; Ash Tray; Avon Bottles; Desk; Dinner Set; Candleholders; Cake Pans; Lots of Dinner Ware; Large Variety of Pots & Pans, Kettles; Milk White; Jars, some with dates; Lawn Bench; Oil Heater; Wash Tubs; Picnic Table; Toaster; Blankets; Flower Pots; Buckets; Wooden Boxes; Hog Trough; Wash Baskets; Lawn Chairs; Shovels; Rakes; Step Ladder; Extension Ladder; Digging Iron; Iron Wagon; Forks; 14" Homelite Saw; Extension Cords; all kinds of Tools; Nails; Saws; Garden Tools; Hand Cultivator; 827 Simplicity Riding Mower; Hahn Eclipse 24" 4 H.P. Snow Blower; 2 Hahn Eclipse Mower; Hahn Eclipse Rototiller; David Bradley Garden Tractor, Plow, Cultivator, Sickle Bar. Tractors and Mowers sell at 1:30 P.M. Many more articles not mentioned.

Sale at 9:30 A.M. No out of state checks.

Terms by
LOWELL D. & JAY E. HAWS
EXECUTORS OF CLARA MOYER ESTATE

Frank and Paul Snyder, Aucts.
717-859-2688 717-733-7052
Fasnachts, Clerks
Charles V. Snyder, Jr., Attorney

Not Responsible For Accidents
Refreshments By Ladies Auxiliary

Public Sales Register

Closing Date - Monday, 5:00 P M
of each week's publication

SAT. MARCH 19 - Public Sale of Full Line of Farm Equipment located along Route 501 Midway bet ween Lititz and Lancaste Airport known as th Buckwalter Farm. Sale i John Fisher, Rufus K. Geib and Raymond Miller, Auctioneers.

SAT. MARCH 19 - Public Sale of Cattle and Farm Machinery. Located ½ mi. south of Cains. Irvin Eberly, Owner. Steve Petersheim, Auctioneer

SAT. MARCH 19 - Public Sale of Farm Equipment. Household Goods, and Antiques, Located taking Rt. 30 west from Lancaster to Millersville-Rohrerstown exit, go through Rohrerstown to 1st farm on right. Raymond S. and Ruth E. Brubaker, Owners. John E and Paul E. Martin, Auctioneers

SAT. MARCH 19 - Public Sale of Farm Equipment and Etc. Located approx. 3 mi. north of Mount Zion, Lebanon County. Paul S. Hoover, Owner. G. Harvey Weik, Auctioneer

SAT. MARCH 19 - 9 A.M. Public Sale of Farm Equipment and Etc. Located at the Kempton Community Center. 12 Auctioneers 215-756-6511

SAT. MARCH 19 - 10 A.M. Public Sale of Farm Machinery, Hay, Corn, Straw and Household Items. Located 1 mile north of Little Britain from 272. Martin E. Ressler, Owner. Kreider and Diller, Auctioneers

SAT. MARCH 19 - 10 A.M Public Sale of Full Line of Modern Farm Machinery, Household Goods and Antiques. Located in Cumberland Co., PA, 1 mi. north of Cumberland Valley High School on Rich Valley Rd., 4 mi. north of Carlisle on PA Rt. 11. Harvey P. Sunday, Owner. Kling's Auction Service

SAT. MARCH 19 - Public Sale of Power Farm Machinery, Tractors, Tools and Etc. Located 1 mi. east of Nottingham, Chester Co., PA, just off 2721 on Airport Rd., 22 mi. south of Lancaster. Carl N. and Esther T. Hansen, Owners. H. Whiteside and Assoc., Auctioneers.

SAT. MARCH 19 - Annual Farm Equipment. Located near Mendon, NY. Saxby Imp. Corp., Owner. Ralph W. Horst and Blaine Rentzel, Auctioneers.

MON. MARCH 21 - Annual Public Auction of Farm Equipment by M.M. Weaver and Sons, Inc. located 4 miles west of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church. John E. and Paul E. Martin, Auctioneers

WED. MAR. 23 - 3 P.M. Special Easter Lamb and Goat Sale. Located at the Belleville Livestock Market, Belleville, PA. Mark Glick, Auctioneer

THURS. MARCH 24 - Public Sale of Farm Machinery. Located 6 mi. northeast of New Holland, Rt. 23 east to Rt. 625 north approx. 2 mi. turn right onto Union Grove Rd., 1 mi. to farm on left. Marvin and Grace Reed, Owners. Kline and Kreider, Auctioneers

THURS. MAR. 24 - 9 A.M. Spring Machinery and Equipment Sale. Located on the Mel Stoltzfus Farm in Centre Co., Rebersburg, PA. Mel Stoltzfus, Owner. Glick, Gibboney and Martin, Auctioneers.

THURS. MARCH 24 and FRI. MARCH 25 - Public Sale of Farm Equipment. Located at Horst's Machinery Lot, just east of Marion, PA. Ralph W. Horst, Manager.

FRI. MARCH 25 - 1:30 P.M. Dairy Cattle Sale. Penns Valley Livestock Auction, Centre Hall. 814-364-9096

SAT. MARCH 26 - Public Sale of Farm Equipment, Business Equipment, Household Goods and Antiques. Located in York County, 4 mi. south of Cross Keys along Rt. 94. Emma Wetzel Estate. Dennis J. Plukert, Auctioneer

SAT. MARCH 26 - Public Sale of Farm Machinery. Located at R.D. 4, Newville, Cumberland Co., PA. Sam and Katherine Alexander, Owners. Kling's Auction Service.

SAT. MARCH 26 - Public Sale of Farm Equipment, Butchering Equipment, Household Goods and Antiques. Located north of Hanover, PA (Carlisle St. Extended) Rt. 94 across from Elby's Restaurant, or from York, PA go west on Route 30 to Cross Keys and turn south on 94 4 miles to sale site. Emma Wetzel Estate. Dennis J. Plukert, Auctioneer.

SAT. MARCH 26 - Public Sale of Tractors, Haybine, Power Farm Machinery, Tools and Etc. Located ½ mi. east of Oxford, PA on Rt. 472. J. Dearr Cheek, Jr., Owner. H. Whiteside and Assoc., Auctioneers.

FARM DISPERSAL
FRIDAY, JANUARY 14, 1983
At 12 Noon

Due to a barn fire We will sell at public auction at Agwam Farms in Elk Lake, 8 miles south of Montrose, just watch for arrows.

29 Cows, Several handling and bagging, some just fresh, 10 calves. 3 Farm Tractors, 1980 6600 Ford tractor, lots of other machinery including an 800 gallon bulk tank.
Terms: Cash or good check

Owners,
JAMES AND KAREN PATTON
Montrose, PA
Sale by Wyalusing Livestock Market
Wyalusing, PA
Sales Managers,
Paul Baldwin 934-2278
Bud Pepper 364-5421
Auctioneer:
Si Pepperman 814-698-2430

PUBLIC SALE
PERSONAL PROPERTY
ANTIQUE GLASSWARE:
Carnival, Heisey, Ruby & Depression
GUNS, FURNITURE,
COINS AND COLLECTIBLES
SATURDAY, JANUARY 15 — 9 A.M.

Location Millersville Lions Club Community Bldg., 190 West Charlotte St. Millersville, PA

Glassware: Carnival in Blues, Reds, Greens, Purples and Marigold Includes 8 pc Punch Bowl Set, Footed Bowls, Fruit Bowls, Sherbets, Water Pitcher Sets, Vases, Butter Dish, 10" Basket, Hen On A Nest, Opalescent pcs This Carnival collection includes many Northwood and is over 90 years old Also Pink and Green Depression, Heisey and Cobalt Blue, Gold Trim Cut Glass Water Pitcher Set, Old Ruby which includes Lamp, Glasses and Sherbets, Vases, Cake Plate and a Swan Approx 12 Tea Pots including Rebecca At The Well

Guns: (12:00) 4-10 Pump, 28 Gauge Pump, 300 Special Lever Action, 32 Special, 12 Gauge Double Barrel Hammer 30-40 Greg Springfield

Furniture. 3 China Closets, 2 Rocking Chairs, Old Trunk, High Chair, Small Chairs, Piano Stool, Wooden and Brass Clothes Trees, Mirrors and Tables

Coins: (12:30) 2 2 1/2 and 1-5 Dollar Gold Pcs 10 Silver Dollars Books of Coins Pennies, Nickles and Dimes Roll of 1964 Half Dollars Also a Complete Set of Coin Collectors Guide Books, starting 1964 2 coin cases and Souvenir Coins

Collectibles: Budweiser Iron Wagon and Horses Iron dogs Oil Lamps Tin Ware Wall Hanging Hubley Guns and Toys Old Brass Horns Crocks. Old Irons and Sad Irons. Baskets Wooden Forks Viewer with Cards Wooden and Glass Butter Churns Copper Wash Boilers. Quilts Old Prints Old Wall Phone Ice Tongs. Brass Spitoon Collection of Manheim Nat Bank, Banks. Pot Belly Stove Hunting and Pocket Knives Hanging Lights. Lancaster Express Wagon Marietta Bean Pot Avon Bottles Old Grain Scales Mantle and CooCoo Clocks Milk Cans Train Set Wicker Doll Coach Many, Many items not mentioned

(Auctioneers Note: This is an excellent collection of antiques. You don't want to miss this sale)

Food Available — Not Responsible for accident day of sale

Sale By **CLAIR FINK**

Terms. Cash or Approved Check. No out of state checks accepted.

Auctioneer: H. Edward Johnson
461 Donegal Springs Rd.
Mt. Joy, PA
Phone 653-9290

GAP AUCTION
FRIDAY EVE., JAN. 14
5:30 P.M.

Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge.

ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION

CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.

Call us for pick-up service
IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254

CONDUCTORS ALL TYPES PUBLIC SALES

PUBLIC SALE
FARM MACHINERY
SATURDAY, FEB. 26, 1983
10:00 A.M.

Located in Lancaster County, PA - 8 miles east of New Holland, 3 miles west of Honey Brook. From Rt. 322 go south on Churchtown Road at Amoco station, go 1 mile, sale on left.

3 FORD TRACTORS
77 Diesel 84 h.p., wide front, load monitor, standard transmission, 2 speed dual power hi & lo, twin hydraulic hook-up, front & rear wheel weights, 1202 original hours, new on Campbell farm in 1979. 4200 Diesel, standard transmission, 3 pt. hydraulic, 2 speed; 4200 gas row crop, standard transmission, 2 speed, 3 pt. hydraulic, rebuilt 2 years ago.

TILLAGE EQUIPMENT
Internatonal 16" plow, 3 pt. 3 bottom, 2 way roll over designed for 4 bottom; 2 extra bottoms sold separate; John Deere B.W.A. 13 ft. transport disc harrow; John Deere 18 ft. spring tooth harrow; steel field roller.

1972 Oldsmobile Coupe
Good Running Condition

HARVESTING EQUIPMENT
New Holland 479 haybine; Ford 501 - 7 ft. bar mower, 3 pt.; John Deere 640 rake; New Idea 4 bar rake; John Deere 336 baler w/thrower, hydraulic control; 3 high side bale wagons, John Deere 965 gear, New Holland and Grove; single chain bale elevator; flat bed wagon; New Holland 770 forage harvester, 1 row corn head and pick up head; New Holland 8 forage wagon, 3 beaters with roof, used 2 years; Ford 618 forage blower; New Holland table blower P.T.O. Super 26; John Deere LF12 lime drill; 2 gravity bin wagons, 1 John Deere gear; Massey Ferguson 205 manure spreader; Hawk Bilt tank spreader; Case ground drive manure spreader; Rockland 3 pt. scraper blade; Oliver 13 hole disc grain drill; 40 cow hay rack on chassis, like new; 2 - 16 head round hay racks; calf hutches; 2 wheel farm trailer; air compressor; mineral feeder; 5 barn fans; 3 hydraulic cylinders; Mellinger preservative applicator; cow trainers; electric fencer; approx. 100 ft. 2" irrigation pipe; approx. 40 ft. 2" plastic pipe, not many small items; 6 livestock feed tubs.

Owner,
ROBERT CAMPBELL
717-354-7868

AUCTIONEER:
Steve Petersheim
717-786-4624
215-593-2442

Auctioneer's Note: An opportunity to buy farm machinery in fine condition. Many pieces new within the last five years.

HOLSTEIN DISPERSAL
On the farm located on Beaver Dam Road, 3 miles from Johnsville and 3 miles from Union Bridge, in Frederick Co., Md. Take Beaver Dam Road off Route 75 and the farm is one mile on the right.

TUESDAY, JANUARY 18
(Snow Date - Friday, January 21)
11:00 A.M.

88 HOLSTEINS 88
COWS - 30 Registered - 15 Grades
HEIFERS - 27 Registered - 16 Grades
(Nearly all grades are identified)

T.B. and Bangs tested for Interstate Shipment
Pregnancy Checked
DHI Rolling Herd Average: 16,141M 3.6% 584F

Good Production Records:
5 from 20,000M to 28,440M
13 from 17,000M to 20,000M
7 from 15,000M to 17,000M
12 from 500F to 600F
11 from 600F to 700F
7 from 700F to 935F
35 Heifers selling from dams with records from 15,000M to 28,000M

Good Breeding and Type
Much of the herd is A.I. sired and also bred A.I. The herd has been classified and four VG cows are selling. Twelve daughters of VG cows sell also. Seven cows fresh in December and sixteen since September 1.

Many Good Cow Families
KINGSTEAD HI RETA MAE - a VG daughter of Kingstead Hi Hope with 20, 830M and 698F sells fresh in December. She also has two daughters selling, one an open yearling by Char-Sam Elevation Pabst, the other one bred and due near sale time.
HOODSTEAD CRAZY DONNA - VG 86 with 17,950M and 605F sells fresh in November. She has two milking daughters selling, one a VG Paclamar Astronaut with 15,070M and 496F fresh in December, and a Sageser Chief Astronaut also fresh in December. A yearling daughter also sells.
A GRADE COW BIP has 28,440M and 935F and sells with 3 daughters and a granddaughter. Her milking daughter selling has 19,101M and 691F (Inc.) as a 2-yr. old.
Many other good ones to choose from.

SEMEN AND SEMEN TANK
MVEAL No. 20 Semen Tank. Semen selling includes Marvex, Jupiter. Willow, Superior, Mark A, etc.

Lunch available — **Catalogs sale day**
Sale in tent
Terms: Cash or Good Check

Sale Manager's Note: This is a good herd of cows with good production records and an outstanding group of home raised heifers. Don't miss it if you need either registered or grade cattle.

A.T., H.N., & MIKE GROSSNICKLE
THREE NICKELS FARM
11833 Beaver Dam Road
Union Bridge, Md. 21791
(301) 775-2231

Sale Manager
REMSBURG SALE SERVICE
P.O. Box 177
Jefferson, Md. 21755
(301) 473-8214

SPECIAL HOLSTEIN DAIRY COW SALE
FRIDAY, JANUARY 14, 1983
1:00 P.M.

To be held at Smoketown Quality Dairy Sales Co., Smoketown, Pa. Rt. 340. 5 miles E. of Lancaster, 5 mi. W. of Intercourse.

1 Load Registered and Grade cows and heifers out of New England States and Canada consigned by Johnny Jr.

Registered Fancy 3 year old Willow Farm Rockman Ivanhoe +1008M +37F TPI +346. Daughters average 17,585M, 3.61 test 635F. 2 yrs. 1 month 326 dys. 16,038M 528F, due January 15 to Sun Valley Sensation Neil, TPI +436 +1,363M +63F. Daughters Avg. 18,066M 3.65T, 659F.

Registered 3 year old Brigeen Arlinda Attraction +32M +14F. Daughters average 17,683M 3.86T TPI +143, due January 11 to Willow Farm Rockman Ivanhoe TPI +346 +1,008M +37F. Daughters average 17,585M 3.61T 635F.

Registered 4 year old Windsor Shillingham due Jan. 14 to Rippchen Boot Nick TPI +321 +1087M +31F. Daughters average 17,286M 3.58T 618F.

Registered 4 year old VG 84 pts. Fields Meadows Starlite Mister. Daughters average 15,309 Milk 3.79T.

Registered 4 yr. old Gillbrook Ivanhoe Kingpin.

Grade cow milking 70 lbs.

"Cowtown in the Little Town of Smoketown."
Where you buy the best for less.

Cows milked at regular time.
Cash or good check day of sale. — **Heated Sale Barn**

Sale managed by
SMOKETOWN QUALITY DAIRY SALES CO.
GORDON & HELEN FRITZ
717-393-0930
Carl Diller & Paul Snyder, Auctioneers
Henry Kettering, Pedigrees

Public Sales Register

Closing Date - Monday, 5:00 P.M
of each week's publication

APRIL

THURS. APRIL 7 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

FRI. APRIL 8 - Public Sale of Farm Equipment at New Holland Sales Stables, Inc. New Holland, Penna.

FRI. APRIL 8 - 9:00 A.M. Public Sale of Farm Equipment at New Holland Sales Stables, Inc., 12 miles east of Lancaster, Pa. at New Holland, Pa. For more information contact Norman Kolb or Abe Diffenbach 717-354-4341

APRIL 15 - 7 P.M. Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa. For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

THURS. APR. 21 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

THURS. APR. 21 and FRI. APR. 22 - Two Day Sale of Farm Equipment. Located at Horst's Machinery Lot, Just east of Marion, PA. Ralph W. Horst, Manager.

SAT. APR. 23 - 17th Colonial Charolais Spring Sale. Located at the fairgrounds, Frederick, MD. Sponsored by the Colonial Charolais Assoc. Managed by Buzz Garey, Cattle Sales, Inc., 100 Walnut Lane, Morrisville, PA 19067.

FRI. APRIL 29 - 6 P.M. Special Heifer Sale. Located at the Belleville Livestock Market.

SAT. APRIL 30 - 3rd Annual Spring Public Auction of Hardware Items and Lawn and Garden Equipment by Farmersville Equipment Inc., Farmersville, Pa.

MAY

THURS. MAY 5 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

MAY 6 - 7 P.M. Horse Sale at New Holland Sales Stables, Inc., 12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa. For more information contact Abe Diffenbach, Mgr. 717-354-4341 or Norman Kolb 717-397-5538

SAT. MAY 14 - 10:00 A.M. Annual Grade Heifer Sale at New Holland Sales Stables, Inc., 12 miles east of Lancaster, Pa. at New Holland, Pa. for more information contact Norman Kolb or Abe Diffenbach at 717-354-4341

THURS. MAY 19 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

JUNE

THURS. JUNE 2 - 11:00 A.M Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

SAT. JUNE 4 - 10.00 A.M. Annual Registered Heifer Sale at New Holland Sales Stables, Inc., 12 miles east of Lancaster, Pa. at New Holland, Pa. For more information contact Norman Kolb or Abe Diffenbach at 717-354-4341

THURS. JUNE 16 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

SAT. JUNE 25 - Colonial World Class Sale. Located at Stone-Del. Charolais Farms, Hartville, Ohio. The Colonial Charolais Association. Managed by Buzz Garey, Gary Cattle Sales, Inc., 100 Walnut Lane, Morrisville, PA 19067.

JULY

THURS. JULY 7 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

THURS. JULY 21 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

AUGUST

THURS. AUG. 4 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

THURS. AUG 18 - 11.00 A.M Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

SEPTEMBER

THURS. SEPT. 1 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

THURS. SEPT. 15 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

OCTOBER

THURS. OCT. 6 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

THURS. OCT. 20 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

NOVEMBER

FRI. NOV. 4 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa.

THURS NOV. 17 - 11:00 A.M. Monthly Cow Sale at Mel Kolb, Inc., Maryland Farm, Woodsboro, MD

DECEMBER

FRI. DEC. 2 - 11 00 A.M Monthly Cow Sale at Mel Kolb, Inc. Lancaster Farm, 2220 Dairy Road, Lancaster, Pa

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- MAILING LIST AVAILABLE

We are now listing Fall Sales.

MEL KOLB, INC.

We offer a choice selection of grade & purebred heifers & cows from the finest herds available. Both our farms welcome private sales daily. Our sale date at Lancaster is the first Thursday of every month. The Woodsboro, MD farm sells the 3rd Thursday of every month. Our specialty is fancy springing grade heifers. We also conduct dispersals & will sell your herd privately or come directly to your farm. Please call for further details.

LANCASTER, PA FARM SALES
2220 Dairy Road
717-569-6800
-2106

Next Sale Thursday, Feb. 3
11:00 A.M.

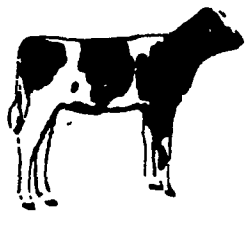
Thurs., Mar. 3
Thurs., Apr. 7
Thurs., May 5
Thurs., June 2
Thurs., July 7
Thurs., Aug. 4
Thurs., Sept. 1
Thurs., Oct. 6
Fri., Nov. 4
Fri. Dec. 2

WOODSBORO, MD FARM SALES
Cragerstown-Woodsboro Road
301-898-7720
-7663

Next Sale Thursday, Jan. 20
11:00 A.M.

Thurs., Feb. 17
Thurs., Mar. 17
Thurs., Apr. 21
Thurs., May 19
Thurs., June 16
Thurs., July 21
Thurs., Aug. 18
Thurs., Sept. 15
Thurs., Oct. 20
Thurs., Nov. 17
Thurs., Dec. 15

FREE LUNCH FOR ALL DAIRY FARMERS



DOOR PRIZE — Purebred Heifer Calf
Must Be a Buyer To Be Eligible & Present To Win

MEL KOLB, INC.

WOODSBORO MARYLAND FARM

HOLSTEIN COW SALE

THURSDAY, JANUARY 20, 1983

11:00 A.M.

150 HEAD OF

- FRESH COWS
- SPRINGERS
- FRESH HEIFERS
- DAIRY CALVES

Door Prize - Purebred Heifer Calf
Must Be A Buyer To Be Eligible & Present To Win.

Free Lunch For All Dairy Farmers

PURINA ROUGHAGE EXTENDER II

- Keep your Forage Dry Matter intake up. (23 lbs.)
- Increase the percent/lbs. of fiber in total Dry Matter intake (17% min.)
- Increase the available energy from the roughage side of your program.
- Maintain a good hay equivalent per cwt of animal. (2-2.5)

The above 4 items are all very important thumb rules in a well balanced program. By maintaining these, this product can help you:

1. Increase or maintain a good Butterfat;
2. Feed less lbs. of grain per lbs. of milk produced.
3. Grain Dry Matter - Roughage Dry Matter ratio will improve and better your overall herd performance.

Our Customers Have Said:

- ✓ "I have had a .2 to .3 increase in Milk Butterfat!"
- ✓ "Highly Palatable! The cows seem to ear more of everything!"
- ✓ "I was able to cut down on the more expensive grain!"

TAG GUARANTEE

Protein - 11.0% Min.

Fat - 1.0% Min.

Fiber - 28.0% Min./Max.

Plus fortified with Vitamin A & D

A major ingredient is cottonseed hulls. This helps us achieve the Fiber/Roughage benefits and at the same time is a highly palatable energy source.

Call your local dealer today; and let our Farm Consultants make this a part of your Well Balanced Program!

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Available in Bulk "Large Pellet" Form at an economical price.

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K & K FEED, INC.
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PHONE 717-867-5161
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Careful Sanitation	Good Feeding

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WEST WILLOW, PA 17583

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West Willow Farmers Assoc., Inc.
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RTE 472 AT UNION, PA
RD 1, OXFORD, PA 19363

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PHONE: 717-362-3333
BERRYSBURG, PA 17005

J. P. ANIMAL SUPPLY
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2497 TOME HWY.
RISING SUN, MD 21911

Anthony's Feed Mill
PHONE. 215-488-6211
STRAUSSTOWN, PA 19559